

# MEDICAL LABORATORY EVALUATION

## INTERNATIONAL PARTICIPANT SUMMARY

**2 • 0 • 0 • 3**

Immunology and Chemistry  
MLE – B1



Total Commitment to Education and Service  
Provided by ACP Services, Inc.

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## 2003 Evaluation Criteria

### Qualitative

For qualitative procedures, evaluation is based on 80% participant consensus

|                                     |                           |
|-------------------------------------|---------------------------|
| Infectious Mononucleosis            | 80% Participant Consensus |
| Rheumatoid Factor                   | 80% Participant Consensus |
| Anti-Streptolysin O (ASO)           | 80% Participant Consensus |
| C-Reactive Protein                  | 80% Participant Consensus |
| Syphilis Serology                   | 80% Participant Consensus |
| H. <i>pylori</i> Antibody Detection | 80% Participant Consensus |
| Viral Markers                       | 80% Participant Consensus |

### Quantitative

For quantitative procedures, a mean and standard deviation (SD) are calculated for each analyte's "All Method" group. Acceptable performance is established on a target value  $\pm$  the intervals below. An explanation on how to calculate the range of acceptability based upon these limits is also provided in your MLE Program Guide on pages 44-45 under the heading "Acceptable Ranges for Quantitative Results."

|                                  |               |  |               |
|----------------------------------|---------------|--|---------------|
| Acid Phosphatase                 | $\pm 3$ SD    | Lipase                                 | $\pm 3$ SD    |
| Albumin                          | $\pm 3$ SD    | LH                                     | $\pm 3$ SD    |
| Alkaline Phosphatase             | $\pm 3$ SD    | Magnesium                              | $\pm 3$ SD    |
| Alpha-fetoprotein                | $\pm 3$ SD    | pCO <sub>2</sub>                       | $\pm 3$ SD    |
| ALT (SGPT)                       | $\pm 3$ SD    | Phosphorus                             | $\pm 3$ SD    |
| Amylase                          | $\pm 3$ SD    | pH                                     | $\pm 3$ SD    |
| Anti-Streptolysin O (Titer)      | Not Evaluated | pO <sub>2</sub>                        | $\pm 3$ SD    |
| Anti-Streptolysin O (Int. Units) | Not Evaluated | Potassium                              | $\pm 3$ SD    |
| AST (SGOT)                       | $\pm 3$ SD    | Prolactin                              | $\pm 3$ SD    |
| Bilirubin, Direct                | $\pm 3$ SD    | Protein, Total                         | $\pm 3$ SD    |
| Bilirubin, Total                 | $\pm 3$ SD    | PSA                                    | $\pm 3$ SD    |
| C-Reactive Protein               | $\pm 3$ SD    | PSA, Free                              | $\pm 3$ SD    |
| CA 125                           | $\pm 3$ SD    | Rheumatoid Factor (Titer)              | Not Evaluated |
| CA 15-3                          | $\pm 3$ SD    | Rheumatoid Factor (Int. Units)         | Not Evaluated |
| Calcium                          | $\pm 3$ SD    | Rubella (Int. Units)                   | Not Evaluated |
| Calcium, Ionized                 | $\pm 3$ SD    | Sodium                                 | $\pm 3$ SD    |
| CEA                              | $\pm 3$ SD    | Syphilis Serology (Titer)              | Not Evaluated |
| Cholesterol                      | $\pm 3$ SD    | T3, Free                               | $\pm 3$ SD    |
| Chloride                         | $\pm 3$ SD    | T4, Free                               | $\pm 3$ SD    |
| Cortisol                         | $\pm 3$ SD    | Testosterone                           | $\pm 3$ SD    |
| Creatine Kinase                  | $\pm 3$ SD    | Thyroxine, Total T <sub>4</sub>        | $\pm 3$ SD    |
| Creatinine                       | $\pm 3$ SD    | Triglyceride                           | $\pm 3$ SD    |
| Estradiol                        | $\pm 3$ SD    | Triiodothyronine, Total T <sub>3</sub> | $\pm 3$ SD    |
| Ferritin                         | $\pm 3$ SD    | TSH                                    | $\pm 3$ SD    |
| Folate                           | $\pm 3$ SD    | Urea Nitrogen                          | $\pm 3$ SD    |
| FSH                              | $\pm 3$ SD    | Uric Acid                              | $\pm 3$ SD    |
| GGT                              | $\pm 3$ SD    | Vitamin B <sub>12</sub>                | $\pm 3$ SD    |
| Glucose, Serum                   | $\pm 3$ SD    |  |               |
| HDL Cholesterol                  | $\pm 3$ SD    |  |               |
| HCG, Serum—Quantitative          | $\pm 3$ SD    |  |               |
| Iron                             | $\pm 3$ SD    |  |               |
| Lactate Dehydrogenase            | $\pm 3$ SD    |  |               |
| LDL Cholesterol                  | $\pm 3$ SD    |  |               |

## Infectious Mononucleosis

| <u>Method</u>     | <b>Specimen IM-1</b> |                 | <b>Specimen IM-2</b> |                 | <b>Specimen IM-3</b> |                 |
|-------------------|----------------------|-----------------|----------------------|-----------------|----------------------|-----------------|
|                   | <u>Negative</u>      | <u>Positive</u> | <u>Negative</u>      | <u>Positive</u> | <u>Negative</u>      | <u>Positive</u> |
| All Methods       | 4                    | 1               | 4                    | 1               | 4                    | 1               |
| Omega Diagnostics | 1                    | -               | 1                    | -               | 1                    | -               |
| Stanbio           | 2                    | -               | 2                    | -               | 2                    | -               |

  

| <u>Method</u>     | <b>Specimen IM-4</b> |                 | <b>Specimen IM-5</b> |                 |
|-------------------|----------------------|-----------------|----------------------|-----------------|
|                   | <u>Negative</u>      | <u>Positive</u> | <u>Negative</u>      | <u>Positive</u> |
| All Methods       | 1                    | 4               | 1                    | 4               |
| Omega Diagnostics | -                    | 1               | -                    | 1               |
| Stanbio           | -                    | 2               | -                    | 2               |

## Rheumatoid Factor—Qualitative

| <u>Method</u>               | <b>Specimen RF-1</b> |                 | <b>Specimen RF-2</b> |                 | <b>Specimen RF-3</b> |                 |
|-----------------------------|----------------------|-----------------|----------------------|-----------------|----------------------|-----------------|
|                             | <u>Negative</u>      | <u>Positive</u> | <u>Negative</u>      | <u>Positive</u> | <u>Negative</u>      | <u>Positive</u> |
| All Methods                 | -                    | 4               | 4                    | -               | -                    | 4               |
| BMH 902, 911, 912, 914, 917 | -                    | 1               | 1                    | -               | -                    | 1               |

  

| <u>Method</u>               | <b>Specimen RF-4</b> |                 | <b>Specimen RF-5</b> |                 |
|-----------------------------|----------------------|-----------------|----------------------|-----------------|
|                             | <u>Negative</u>      | <u>Positive</u> | <u>Negative</u>      | <u>Positive</u> |
| All Methods                 | -                    | 4               | 4                    | -               |
| BMH 902, 911, 912, 914, 917 | -                    | 1               | 1                    | -               |

## Rheumatoid Factor—Quantitative (Titer)

This portion is not evaluated. Results reported are as follows:

| <u>Specimen/Method</u> | <u>2/</u><br><u>4</u> | <u>8/</u><br><u>10</u> | <u>16/</u><br><u>20</u> | <u>32/</u><br><u>40</u> | <u>64/</u><br><u>80</u> | <u>128/</u><br><u>160</u> | <u>256/</u><br><u>320</u> | <u>512/</u><br><u>640</u> | <u>1024/</u><br><u>1280</u> | <u>2048/</u><br><u>2560</u> | <u>&gt;2560</u> |
|------------------------|-----------------------|------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|-----------------------------|-----------------------------|-----------------|
| <b>Specimen RF-1</b>   |                       |                        |                         |                         |                         |                           |                           |                           |                             |                             |                 |
| All Methods            | -                     | 1                      | 1                       | -                       | -                       | -                         | -                         | -                         | -                           | -                           | -               |
| Omega Diagnostics      | -                     | -                      | 1                       | -                       | -                       | -                         | -                         | -                         | -                           | -                           | -               |
| <b>Specimen RF-3</b>   |                       |                        |                         |                         |                         |                           |                           |                           |                             |                             |                 |
| All Methods            | 1                     | -                      | -                       | 1                       | -                       | -                         | -                         | -                         | -                           | -                           | -               |
| Omega Diagnostics      | -                     | -                      | -                       | 1                       | -                       | -                         | -                         | -                         | -                           | -                           | -               |
| <b>Specimen RF-4</b>   |                       |                        |                         |                         |                         |                           |                           |                           |                             |                             |                 |
| All Methods            | -                     | 1                      | 1                       | -                       | -                       | -                         | -                         | -                         | -                           | -                           | -               |
| Omega Diagnostics      | -                     | -                      | 1                       | -                       | -                       | -                         | -                         | -                         | -                           | -                           | -               |

**Rheumatoid Factor—Quantitative (IU)**

This portion is not evaluated. Results reported are as follows:

| <u>Specimen/Method</u> | <u>Labs</u> | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Low Value</u> | <u>High Value</u> |
|------------------------|-------------|-------------|-----------|-----------|---------------|------------------|-------------------|
| <b>Specimen RF-1</b>   |             |             |           |           |               |                  |                   |
| All Methods            | 1           | 31.0        | 0.0       | 0.0       | 31            | 31               | 31                |
| <b>Specimen RF-3</b>   |             |             |           |           |               |                  |                   |
| All Methods            | 1           | 31.0        | 0.0       | 0.0       | 31            | 31               | 31                |
| <b>Specimen RF-4</b>   |             |             |           |           |               |                  |                   |
| All Methods            | 1           | 31.0        | 0.0       | 0.0       | 31            | 31               | 31                |

**Anti-Streptolysin O (ASO)—Qualitative**

| <u>Method</u>               | <u>Specimen AS-1</u> |                 | <u>Specimen AS-2</u> |                 | <u>Specimen AS-3</u> |                 |
|-----------------------------|----------------------|-----------------|----------------------|-----------------|----------------------|-----------------|
|                             | <u>Negative</u>      | <u>Positive</u> | <u>Negative</u>      | <u>Positive</u> | <u>Negative</u>      | <u>Positive</u> |
| All Methods                 | 4                    | -               | -                    | 4               | -                    | 4               |
| BMH 902, 911, 912, 914, 917 | 1                    | -               | -                    | 1               | -                    | 1               |
| Stanbio                     | 2                    | -               | -                    | 2               | -                    | 2               |
| <b>Specimen AS-4</b>        |                      |                 |                      |                 |                      |                 |
| All Methods                 | 4                    | -               | 4                    | -               |                      |                 |
| BMH 902, 911, 912, 914, 917 | 1                    | -               | 1                    | -               |                      |                 |
| Stanbio                     | 2                    | -               | 2                    | -               |                      |                 |
| <b>Specimen AS-5</b>        |                      |                 |                      |                 |                      |                 |
| All Methods                 | 4                    | -               | 4                    | -               |                      |                 |
| BMH 902, 911, 912, 914, 917 | 1                    | -               | 1                    | -               |                      |                 |
| Stanbio                     | 2                    | -               | 2                    | -               |                      |                 |

**Anti-Streptolysin O (ASO)—Quantitative**

This portion is not evaluated. Results reported are as follows:

| <u>Specimen/Method</u>      | <u>Todd Units / International Units</u> |            |            |                |                |                |                |            | <u>Streptozyyme</u> |                |                |
|-----------------------------|---|------------|------------|----------------|----------------|----------------|----------------|------------|---------------------|----------------|----------------|
|                             | <u>≤50</u>                              | <u>100</u> | <u>125</u> | <u>166-200</u> | <u>250-300</u> | <u>333-400</u> | <u>500-600</u> | <u>625</u> | <u>800-833</u>      | <u>100-200</u> | <u>400-800</u> |
| <b>Specimen AS-1</b>        |   |            |            |                |                |                |                |            |                     |                |                |
| All Methods                 | 1                                       | -          | -          | -              | -              | -              | -              | 1          | -                   | -              | -              |
| Behring Nephelometer        | -                                       | -          | -          | -              | -              | -              | -              | 1          | -                   | -              | -              |
| BMH 902, 911, 912, 914, 917 | 1                                       | -          | -          | -              | -              | -              | -              | -          | -                   | -              | -              |
| Omega Diagnostics           | -                                       | -          | -          | -              | -              | -              | -              | -          | -                   | -              | -              |
| Stanbio                     | -                                       | -          | -          | -              | -              | -              | -              | -          | -                   | -              | -              |
| <b>Specimen AS-2</b>        |   |            |            |                |                |                |                |            |                     |                |                |
| All Methods                 | -                                       | -          | -          | 1              | -              | 2              | -              | -          | 1                   | -              | -              |
| Behring Nephelometer        | -                                       | -          | -          | -              | -              | 1              | -              | -          | -                   | -              | -              |
| BMH 902, 911, 912, 914, 917 | -                                       | -          | -          | -              | -              | -              | -              | -          | 1                   | -              | -              |
| Omega Diagnostics           | -                                       | -          | -          | 1              | -              | -              | -              | -          | -                   | -              | -              |
| Stanbio                     | -                                       | -          | -          | -              | -              | 1              | -              | -          | -                   | -              | -              |

## Anti-Streptolysin O (ASO)—Quantitative (cont'd)

This portion is not evaluated. Results reported are as follows:

| <u>Specimen/Method</u> | <u>Todd Units / International Units</u> |            |            |                |                |                |                | <u>Streptozyme</u> |                |                |
|------------------------|---|------------|------------|----------------|----------------|----------------|----------------|--------------------|----------------|----------------|
|                        | <u>≤50</u>                              | <u>100</u> | <u>125</u> | <u>166-200</u> | <u>250-300</u> | <u>333-400</u> | <u>500-600</u> | <u>625</u>         | <u>800-833</u> | <u>100-200</u> |

### Specimen AS-3

|                             |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|
| All Methods                 | - | - | - | - | - | 2 | 1 | - | 1 | - | - |
| Behring Nephelometer        | - | - | - | - | - | 1 | - | - | - | - | - |
| BMH 902, 911, 912, 914, 917 | - | - | - | - | - | - | - | - | 1 | - | - |
| Omega Diagnostics           | - | - | - | - | - | 1 | - | - | - | - | - |
| Stanbio                     | - | - | - | - | - | - | 1 | - | - | - | - |

### Specimen AS-4

|                             |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|
| All Methods                 | 1 | 1 | - | - | - | - | - | - | - | - | - |
| Behring Nephelometer        | - | 1 | - | - | - | - | - | - | - | - | - |
| BMH 902, 911, 912, 914, 917 | 1 | - | - | - | - | - | - | - | - | - | - |
| Omega Diagnostics           | - | - | - | - | - | - | - | - | - | - | - |
| Stanbio                     | - | - | - | - | - | - | - | - | - | - | - |

### Specimen AS-5

|                             |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|
| All Methods                 | 1 | 1 | - | - | - | - | - | - | - | - | - |
| Behring Nephelometer        | - | 1 | - | - | - | - | - | - | - | - | - |
| BMH 902, 911, 912, 914, 917 | 1 | - | - | - | - | - | - | - | - | - | - |
| Omega Diagnostics           | - | - | - | - | - | - | - | - | - | - | - |
| Stanbio                     | - | - | - | - | - | - | - | - | - | - | - |

## C-Reactive Protein<sup>3/4</sup> Qualitative

| <u>Method</u>     | <u>Specimen CR-1</u> |                 | <u>Specimen CR-2</u> |                 |
|-------------------|----------------------|-----------------|----------------------|-----------------|
|                   | <u>Negative</u>      | <u>Positive</u> | <u>Negative</u>      | <u>Positive</u> |
| All Methods       | -                    | 4               | -                    | 4               |
| Omega Diagnostics | -                    | 1               | -                    | 1               |
| Stanbio           | -                    | 1               | -                    | 1               |

## C-Reactive Protein<sup>3/4</sup> Quantitative (mg/dL)

| <u>Specimen/Method</u> | <u>Labs</u> | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Low Value</u> | <u>High Value</u> |
|------------------------|-------------|-------------|-----------|-----------|---------------|------------------|-------------------|
| <b>Specimen CR-1</b>   |             |             |           |           |               |                  |                   |
| All Methods            | 1           | 15.670      | 0.000     | 0.0       | 15.67         | 15.67            | 15.67             |
| <b>Specimen CR-2</b>   |             |             |           |           |               |                  |                   |
| All Methods            | 1           | 16.160      | 0.000     | 0.0       | 16.16         | 16.16            | 16.16             |

**Rubella<sup>3/4</sup>Quantitative (IU/mL)**

This portion is not evaluated. Results reported are as follows:

| <u>Specimen/Method</u> | <u>Labs</u> | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Low Value</u> | <u>High Value</u> |
|------------------------|-------------|-------------|-----------|-----------|---------------|------------------|-------------------|
| <b>Specimen RU-1</b>   |             |             |           |           |               |                  |                   |
| All Methods            | 1           | 28.60       | 0.0       | 0.0       | 28.6          | 28.6             | 28.6              |
| <b>Specimen RU-2</b>   |             |             |           |           |               |                  |                   |
| All Methods            | 1           | 5.00        | 0.0       | 0.0       | 5.0           | 5.0              | 5.0               |
| <b>Specimen RU-3</b>   |             |             |           |           |               |                  |                   |
| All Methods            | 1           | 25.90       | 0.0       | 0.0       | 25.9          | 25.9             | 25.9              |
| <b>Specimen RU-4</b>   |             |             |           |           |               |                  |                   |
| All Methods            | 1           | 5.00        | 0.0       | 0.0       | 5.0           | 5.0              | 5.0               |
| <b>Specimen RU-5</b>   |             |             |           |           |               |                  |                   |
| All Methods            | 1           | 5.00        | 0.0       | 0.0       | 5.0           | 5.0              | 5.0               |

**Syphilis Serology<sup>3/4</sup>VDRL Slide – Quantitative Results**

This portion is not evaluated. Results reported are as follows:

| <u>Specimen/Method</u> | <u>N/A</u> | <u>0 dils</u> | <u>1 dil</u> | <u>2 dils</u> | <u>4 dils</u> | <u>8 dils</u> | <u>16 dils</u> | <u>32 dils</u> | <u>&gt; 32 dils</u> |
|------------------------|------------|---------------|--------------|---------------|---------------|---------------|----------------|----------------|---------------------|
| <b>Specimen SY-1</b>   |            |               |              |               |               |               |                |                |                     |
| All Methods            | -          | -             | -            | 1             | -             | -             | -              | -              | -                   |
| <b>Specimen SY-2</b>   |            |               |              |               |               |               |                |                |                     |
| All Methods            | 1          | -             | -            | -             | -             | -             | -              | -              | -                   |
| <b>Specimen SY-3</b>   |            |               |              |               |               |               |                |                |                     |
| All Methods            | 1          | -             | -            | -             | -             | -             | -              | -              | -                   |
| <b>Specimen SY-4</b>   |            |               |              |               |               |               |                |                |                     |
| All Methods            | -          | -             | -            | 1             | -             | -             | -              | -              | -                   |
| <b>Specimen SY-5</b>   |            |               |              |               |               |               |                |                |                     |
| All Methods            | 1          | -             | -            | -             | -             | -             | -              | -              | -                   |

## Syphilis Serology - MHA-TP

| <u>Method</u> | Specimen SY-1   |                     | Specimen SY-2   |                     | Specimen SY-3   |                     |
|---------------|-----------------|---------------------|-----------------|---------------------|-----------------|---------------------|
|               | <u>Reactive</u> | <u>Non-Reactive</u> | <u>Reactive</u> | <u>Non-Reactive</u> | <u>Reactive</u> | <u>Non-Reactive</u> |
| All Methods   | 1               | -                   | -               | 1                   | -               | 1                   |
|               | Specimen SY-4   |                     | Specimen SY-5   |                     |                 |                     |
| All Methods   | 1               | -                   | -               | 1                   |                 |                     |

## Syphilis Serology - Qualitative: RPR

| <u>Method</u>     | Specimen SY-1   |                     | Specimen SY-2   |                     | Specimen SY-3   |                     |
|-------------------|-----------------|---------------------|-----------------|---------------------|-----------------|---------------------|
|                   | <u>Reactive</u> | <u>Non-Reactive</u> | <u>Reactive</u> | <u>Non-Reactive</u> | <u>Reactive</u> | <u>Non-Reactive</u> |
| All Methods       | 13              | -                   | -               | 13                  | -               | 13                  |
| BioSystems        | 1               | -                   | -               | 1                   | -               | 1                   |
| Omega Diagnostics | 6               | -                   | -               | 6                   | -               | 6                   |
|                   | Specimen SY-4   |                     | Specimen SY-5   |                     |                 |                     |
| All Methods       | 13              | -                   | -               | 13                  |                 |                     |
| BioSystems        | 1               | -                   | -               | 1                   |                 |                     |
| Omega Diagnostics | 6               | -                   | -               | 6                   |                 |                     |

## Syphilis Serology - Quantitative: RPR (Titer)

This portion is not evaluated. Results reported are as follows:

| <u>Specimen/Method</u> | <u>1</u> | <u>2</u> | <u>4</u> | <u>8</u> | <u>16</u> | <u>32</u> | <u>64</u> |
|------------------------|----------|----------|----------|----------|-----------|-----------|-----------|
| <b>Specimen SY-1</b>   |          |          |          |          |           |           |           |
| All Methods            | 3        | 5        | -        | 1        | -         | -         | -         |
| Omega Diagnostics      | 1        | 3        | -        | 1        | -         | -         | -         |
| <b>Specimen SY-4</b>   |          |          |          |          |           |           |           |
| All Methods            | 5        | 5        | -        | -        | -         | -         | -         |
| Omega Diagnostics      | 1        | 4        | -        | -        | -         | -         | -         |

## H. pylori Antibody Detection

| <u>Method</u> | Specimen HP-1   |                 | Specimen HP-2   |                 |
|---------------|-----------------|-----------------|-----------------|-----------------|
|               | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> |
| All Methods   | -               | 1               | 1               | -               |

## Viral Markers – Anti-HBc

| <u>Method</u>                | Specimen VM-1   |                 | Specimen VM-2   |                 | Specimen VM-3   |                 |
|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                              | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> |
| All Methods                  | -               | 4               | 1               | 3               | 1               | 3               |
| Abbott AxSYM                 | -               | 1               | -               | 1               | -               | 1               |
| bioMerieux Vitek, Mini Vidas | -               | 2               | -               | 2               | -               | 2               |
| Roche Cobas CORE             | -               | 1               | 1               | -               | 1               | -               |

**Viral Markers - Anti-HBc (cont'd)**

| <u>Method</u>                | Specimen VM-4   |                 | Specimen VM-5   |                 |
|------------------------------|-----------------|-----------------|-----------------|-----------------|
|                              | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> |
| All Methods                  | -               | 4               | 4               | -               |
| Abbott AxSYM                 | -               | 1               | 1               | -               |
| bioMerieux Vitek, Mini Vidas | -               | 2               | 2               | -               |
| Roche Cobas CORE             | -               | 1               | 1               | -               |

**Viral Markers – Anti-HIV**

| <u>Method</u>                | Specimen VM-1   |                 | Specimen VM-2   |                 | Specimen VM-3   |                 |
|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                              | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> |
| All Methods                  | 6               | -               | 6               | -               | -               | 6               |
| Abbott AxSYM                 | 1               | -               | 1               | -               | -               | 1               |
| bioMerieux Vitek, Mini Vidas | 4               | -               | 4               | -               | -               | 4               |
| Roche Cobas CORE             | 1               | -               | 1               | -               | -               | 1               |

| <u>Method</u>                | Specimen VM-4   |                 | Specimen VM-5   |                 |
|------------------------------|-----------------|-----------------|-----------------|-----------------|
|                              | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> |
| All Methods                  | -               | 6               | 6               | -               |
| Abbott AxSYM                 | -               | 1               | 1               | -               |
| bioMerieux Vitek, Mini Vidas | -               | 4               | 4               | -               |
| Roche Cobas CORE             | -               | 1               | 1               | -               |

**Viral Markers – HAV**

| <u>Method</u>                | Specimen VM-1   |                 | Specimen VM-2   |                 | Specimen VM-3   |                 |
|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                              | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> |
| All Methods                  | 5               | -               | -               | 5               | 5               | -               |
| Abbott AxSYM                 | 2               | -               | -               | 2               | 2               | -               |
| bioMerieux Vitek, Mini Vidas | 3               | -               | -               | 3               | 3               | -               |

| <u>Method</u>                | Specimen VM-4   |                 | Specimen VM-5   |                 |
|------------------------------|-----------------|-----------------|-----------------|-----------------|
|                              | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> |
| All Methods                  | 5               | -               | 5               | -               |
| Abbott AxSYM                 | 2               | -               | 2               | -               |
| bioMerieux Vitek, Mini Vidas | 3               | -               | 3               | -               |

**Viral Markers – HBeAg**

| <u>Method</u>                | Specimen VM-1   |                 | Specimen VM-2   |                 | Specimen VM-3   |                 |
|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                              | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> |
| All Methods                  | -               | 3               | 3               | -               | 3               | -               |
| Abbott AxSYM                 | -               | 1               | 1               | -               | 1               | -               |
| bioMerieux Vitek, Mini Vidas | -               | 2               | 2               | -               | 2               | -               |

| <u>Method</u>                | Specimen VM-4   |                 | Specimen VM-5   |                 |
|------------------------------|-----------------|-----------------|-----------------|-----------------|
|                              | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> |
| All Methods                  | -               | 3               | 3               | -               |
| Abbott AxSYM                 | -               | 1               | 1               | -               |
| bioMerieux Vitek, Mini Vidas | -               | 2               | 2               | -               |

## Viral Markers – HBsAb

| <u>Method</u>                | Specimen VM-1   |                 | Specimen VM-2   |                 | Specimen VM-3   |                 |
|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                              | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> |
| All Methods                  | 3               | -               | -               | 3               | -               | 3               |
| Abbott AxSYM                 | 2               | -               | -               | 2               | -               | 2               |
| bioMerieux Vitek, Mini Vidas | 1               | -               | -               | 1               | -               | 1               |
|                              | Specimen VM-4   |                 | Specimen VM-5   |                 |                 |                 |
| All Methods                  | 3               | -               | 2               | -               |                 |                 |
| Abbott AxSYM                 | 2               | -               | 1               | -               |                 |                 |
| bioMerieux Vitek, Mini Vidas | 1               | -               | 1               | -               |                 |                 |

## Viral Markers – HBsAg

| <u>Method</u>                | Specimen VM-1   |                 | Specimen VM-2   |                 | Specimen VM-3   |                 |
|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                              | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> |
| All Methods                  | -               | 6               | 6               | -               | 5               | 1               |
| Abbott AxSYM                 | -               | 1               | 1               | -               | -               | 1               |
| Abbott IMx                   | -               | 1               | 1               | -               | 1               | -               |
| bioMerieux Vitek, Mini Vidas | -               | 3               | 3               | -               | 3               | -               |
| Roche Cobas CORE             | -               | 1               | 1               | -               | 1               | -               |
|                              | Specimen VM-4   |                 | Specimen VM-5   |                 |                 |                 |
| All Methods                  | 1               | 5               | 6               | -               |                 |                 |
| Abbott AxSYM                 | -               | 1               | 1               | -               |                 |                 |
| Abbott IMx                   | 1               | -               | 1               | -               |                 |                 |
| bioMerieux Vitek, Mini Vidas | -               | 3               | 3               | -               |                 |                 |
| Roche Cobas CORE             | -               | 1               | 1               | -               |                 |                 |

## Viral Markers – HCV

| <u>Method</u>    | Specimen VM-1   |                 | Specimen VM-2   |                 | Specimen VM-3   |                 |
|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                  | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> | <u>Negative</u> | <u>Positive</u> |
| All Methods      | 1               | 2               | -               | 3               | 1               | 2               |
| Abbott AxSYM     | -               | 1               | -               | 1               | -               | 1               |
| Abbott Imx       | -               | 1               | -               | 1               | -               | 1               |
| Roche Cobas CORE | 1               | -               | -               | 1               | 1               | -               |
|                  | Specimen VM-4   |                 | Specimen VM-5   |                 |                 |                 |
| All Methods      | 2               | 1               | 2               | 1               |                 |                 |
| Abbott AxSYM     | 1               | -               | 1               | -               |                 |                 |
| Abbott Imx       | -               | 1               | -               | 1               |                 |                 |
| Roche Cobas CORE | 1               | -               | 1               | -               |                 |                 |

**Albumin (g/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 3.64        | 0.33      | 9.0       | 3.7           | 7             | 3.34        | 0.23      | 6.9       | 3.4           |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 3.21        | 0.36      | 11.1      | 3.4           | 7             | 2.43        | 0.32      | 13.2      | 2.6           |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 7             | 2.60        | 0.31      | 11.8      | 2.8           |               |             |           |           |               |

**Bilirubin, Direct (mg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 0.81        | 0.30      | 37.1      | 0.9           | 7             | 0.66        | 0.26      | 39.2      | 0.7           |

**Bilirubin, Total (mg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 6             | 2.17        | 0.23      | 10.8      | 2.2           | 6             | 1.87        | 0.21      | 11.1      | 1.9           |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 6             | 0.77        | 0.15      | 19.6      | 0.7           | 6             | 3.25        | 0.48      | 14.7      | 3.2           |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 6             | 1.20        | 0.21      | 17.5      | 1.2           |               |             |           |           |               |

**Calcium (mg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 5             | 7.50        | 1.53      | 20.4      | 6.8           | 5             | 9.12        | 0.73      | 8.0       | 8.9           |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 5             | 11.48       | 0.70      | 6.1       | 11.8          | 5             | 9.18        | 0.73      | 8.0       | 8.9           |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 5             | 12.30       | 0.97      | 7.9       | 12.7          |               |             |           |           |               |

**Creatinine (mg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 2.39        | 0.32      | 13.6      | 2.3           | 7             | 2.80        | 0.37      | 13.0      | 2.7           |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 1.97        | 0.28      | 14.3      | 1.9           | 7             | 5.33        | 0.63      | 11.8      | 5.3           |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 7             | 3.46        | 0.37      | 10.7      | 3.5           |               |             |           |           |               |

**Glucose (mg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 84.7        | 67.4      | 79.6      | 61            | 7             | 110.4       | 10.3      | 9.3       | 109           |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 202.4       | 13.4      | 6.6       | 202           | 7             | 90.3        | 14.3      | 15.8      | 87            |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 7             | 191.3       | 55.1      | 28.8      | 210           |               |             |           |           |               |

**Iron (mcg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 2             | 387.0       | 21.2      | 5.5       | 387           | 2             | 319.0       | 1.4       | 0.4       | 319           |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 2             | 303.5       | 4.9       | 1.6       | 304           | 2             | 191.5       | 6.4       | 3.3       | 192           |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 2             | 215.0       | 4.2       | 2.0       | 215           |               |             |           |           |               |

**Magnesium (mg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 5             | 3.84        | 0.82      | 21.4      | 3.8           | 5             | 8.98        | 10.36     | 115.3     | 4.6           |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 5             | 1.82        | 0.16      | 9.0       | 1.9           | 5             | 4.50        | 1.37      | 30.5      | 4.1           |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 5             | 2.76        | 0.96      | 34.9      | 2.5           |               |             |           |           |               |

**Phosphorus (mg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 6             | 4.35        | 0.39      | 8.9       | 4.4           | 6             | 3.68        | 0.54      | 14.7      | 3.7           |

**Protein, Total (g/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 7.39        | 0.45      | 6.0       | 7.5           | 7             | 6.84        | 0.55      | 8.0       | 6.9           |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 6.57        | 0.32      | 4.9       | 6.6           | 7             | 4.83        | 0.27      | 5.6       | 4.8           |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 7             | 5.39        | 0.31      | 5.7       | 5.3           |               |             |           |           |               |

**Urea Nitrogen (mg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 20.6        | 6.9       | 33.3      | 18            | 7             | 28.3        | 9.4       | 33.3      | 24            |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 44.6        | 15.2      | 34.1      | 39            | 7             | 16.0        | 5.3       | 33.1      | 14            |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 7             | 42.4        | 14.5      | 34.1      | 38            |               |             |           |           |               |

**Uric Acid (mg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 3.26        | 0.34      | 10.5      | 3.1           | 7             | 5.99        | 0.43      | 7.3       | 6.0           |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 10.3        | 0.68      | 6.8       | 10.1          | 7             | 5.20        | 0.23      | 4.4       | 5.2           |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 7             | 11.10       | 0.83      | 7.5       | 11.4          |               |             |           |           |               |

**Chloride (mmol/L)**

| <u>Method/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|--------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                          | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods              | 4             | 115.5       | 3.0       | 2.6       | 115           | 4             | 109.0       | 5.5       | 5.0       | 107           |
| <u>Method/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                          | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods              | 4             | 97.3        | 5.3       | 5.5       | 97            | 4             | 107.3       | 9.9       | 9.3       | 107           |
| <u>Method/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                          | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods              | 4             | 99.0        | 12.2      | 12.3      | 99            |               |             |           |           |               |

**Potassium (mmol/L)**

| <u>Method/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|--------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                          | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods              | 5             | 5.18        | 0.08      | 1.6       | 5.2           | 5             | 4.54        | 0.23      | 5.1       | 4.5           |
| <u>Method/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                          | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods              | 5             | 2.84        | 0.11      | 4.0       | 2.8           | 5             | 5.42        | 1.45      | 26.8      | 5.8           |
| <u>Method/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                          | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods              | 5             | 3.86        | 1.37      | 35.6      | 3.2           |               |             |           |           |               |

**Sodium (mmol/L)**

| <u>Method/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|--------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                          | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods              | 5             | 155.8       | 3.6       | 2.3       | 158           | 5             | 144.4       | 7.3       | 5.0       | 141           |
| <u>Method/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                          | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods              | 5             | 129.6       | 6.4       | 4.9       | 127           | 5             | 141.2       | 7.8       | 5.5       | 139           |
| <u>Method/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                          | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods              | 5             | 128.4       | 14.6      | 11.3      | 120           |               |             |           |           |               |

**Serum hCG - Quantitative (mIU/mL)**

The vendor assay values for specimens HCG-1 and HCG-3 are <2.0 mIU/mL and <2.0 mIU/mL, respectively.

| <u>Method</u> | Specimen HCG-2 |             |           |           |               | Specimen HCG-4 |             |           |           |               |
|---------------|----------------|-------------|-----------|-----------|---------------|----------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>    | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>    | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 1              | 1540.0      | 0.0       | 0.0       | 1540          | 1              | 117.0       | 0.0       | 0.0       | 117           |
| <u>Method</u> | Specimen HCG-5 |             |           |           |               |                |             |           |           |               |
|               | <u>Labs</u>    | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |                |             |           |           |               |
| All Methods   | 1              | 4183.0      | 0.0       | 0.0       | 4183          |                |             |           |           |               |

**Acid Phosphatase (IU/L)**

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 3             | 0.63        | 0.55      | 87.0      | 0.6           | 2             | 1.40        | 0.99      | 70.7      | 1.4           |

**ALT (SGPT) (IU/L)**

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 83.6        | 15.9      | 19.0      | 86            | 7             | 155.7       | 29.2      | 18.7      | 163           |
| <u>Instrument/Reagent</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 306.9       | 64.0      | 20.8      | 321           | 7             | 48.3        | 11.9      | 24.6      | 46            |
| <u>Instrument/Reagent</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 7             | 285.4       | 60.9      | 21.4      | 296           |               |             |           |           |               |

**Alkaline Phosphatase (IU/L)**

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 183.6       | 73.1      | 39.8      | 145           | 7             | 309.9       | 129.1     | 41.7      | 258           |
| <u>Instrument/Reagent</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 581.0       | 260.8     | 44.9      | 458           | 7             | 106.3       | 43.5      | 40.9      | 80            |
| <u>Instrument/Reagent</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 7             | 515.1       | 219.0     | 42.5      | 415           |               |             |           |           |               |

**AST (SGOT) (IU/L)**

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 73.3        | 17.7      | 24.2      | 68            | 7             | 139.1       | 33.7      | 24.2      | 129           |
| <u>Instrument/Reagent</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 281.0       | 61.3      | 21.8      | 280           | 7             | 43.9        | 8.3       | 18.9      | 41            |
| <u>Instrument/Reagent</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 7             | 268.7       | 56.9      | 21.2      | 265           |               |             |           |           |               |

**Creatine Kinase (IU/L)**

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 4             | 368.0       | 31.6      | 8.6       | 376           | 4             | 286.3       | 20.0      | 7.0       | 290           |
| <u>Instrument/Reagent</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 4             | 221.3       | 23.6      | 10.7      | 230           | 4             | 152.3       | 12.7      | 8.3       | 152           |
| <u>Instrument/Reagent</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 4             | 115.8       | 13.8      | 11.9      | 119           |               |             |           |           |               |

**GGT (IU/L)**

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 80.0        | 21.2      | 26.5      | 76            | 7             | 144.7       | 33.4      | 23.1      | 143           |

**Amylase (IU/L)**

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 166.7       | 46.4      | 27.8      | 156           | 7             | 233.4       | 69.4      | 29.8      | 240           |
| <u>Instrument/Reagent</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 432.3       | 108.3     | 25.1      | 434           | 7             | 115.6       | 26.2      | 22.7      | 118           |
| <u>Instrument/Reagent</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 7             | 414.4       | 107.3     | 25.9      | 415           |               |             |           |           |               |

**Lactate Dehydrogenase (IU/L)**

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 5             | 535.8       | 231.7     | 43.2      | 525           | 5             | 797.6       | 339.6     | 42.6      | 775           |

### Lactate Dehydrogenase (IU/L) (cont'd)

| <u>Instrument/Reagent</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 5             | 1373.6      | 621.0     | 45.2      | 1358          | 5             | 383.8       | 167.0     | 43.5      | 374           |
| Specimen CH-5             |               |             |           |           |               |               |             |           |           |               |
| All Methods               | 5             | 1306.6      | 630.7     | 48.3      | 1299          |               |             |           |           |               |

### Lipase (IU/L)

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 4             | -           | -         | -         | 209           | 4             | -           | -         | -         | 178           |

### Cortisol (mcg/dL)

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 1             | 22.20       | 0.00      | 0.0       | 22.2          | 1             | 18.50       | 0.00      | 0.0       | 18.5          |
| Specimen CH-3             |               |             |           |           |               |               |             |           |           |               |
| All Methods               | 1             | 23.30       | 0.00      | 0.0       | 23.3          | Specimen CH-4 |             |           |           |               |
| Specimen CH-5             |               |             |           |           |               |               |             |           |           |               |
| All Methods               | 1             | 14.30       | 0.00      | 0.0       | 14.3          |               |             |           |           |               |

### Triiodothyronine (ng/mL)

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 6             | 15.37       | 22.36     | 145.5     | 5.0           | 6             | 14.62       | 22.55     | 154.3     | 4.7           |
| Specimen CH-3             |               |             |           |           |               |               |             |           |           |               |
| All Methods               | 6             | 13.65       | 22.86     | 167.5     | 4.4           | Specimen CH-4 |             |           |           |               |
| Specimen CH-5             |               |             |           |           |               |               |             |           |           |               |
| All Methods               | 6             | 11.90       | 22.84     | 191.9     | 2.8           |               |             |           |           |               |

### Free T<sub>3</sub> (pg/mL)

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 3             | 7.87        | 6.91      | 87.8      | 5.7           | 3             | 7.00        | 6.69      | 95.6      | 4.4           |

**Thyroxine (mcg/dL)**

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 6             | 14.40       | 4.64      | 32.2      | 12.9          | 6             | 13.12       | 4.56      | 34.8      | 11.0          |
| <u>Instrument/Reagent</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 6             | 11.33       | 3.11      | 27.4      | 10.1          | 6             | 8.07        | 2.33      | 28.9      | 6.7           |
| <u>Instrument/Reagent</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 6             | 7.80        | 1.91      | 24.5      | 7.0           |               |             |           |           |               |

**Free Thyroxine (ng/dL)**

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 3             | 3.33        | 0.91      | 27.2      | 3.2           | 3             | 2.87        | 0.91      | 31.7      | 3.0           |
| <u>Instrument/Reagent</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 3             | 2.67        | 0.80      | 30.1      | 2.6           | 3             | 1.80        | 0.56      | 30.9      | 1.7           |
| <u>Instrument/Reagent</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 3             | 2.00        | 0.60      | 30.0      | 2.0           |               |             |           |           |               |

**TSH (mU/mL)**

| <u>Instrument/Reagent</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 6             | 5.98        | 1.60      | 26.7      | 6.3           | 6             | 4.67        | 1.22      | 26.2      | 4.9           |
| <u>Instrument/Reagent</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 6             | 3.50        | 0.84      | 24.1      | 3.6           | 6             | 2.70        | 0.62      | 23.1      | 2.9           |
| <u>Instrument/Reagent</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 6             | 1.92        | 0.44      | 23.2      | 2.0           |               |             |           |           |               |

**Cholesterol, Total (mg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 212.6       | 15.4      | 7.3       | 205           | 7             | 207.0       | 20.9      | 10.1      | 198           |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 218.6       | 16.0      | 7.3       | 215           | 7             | 145.4       | 13.0      | 9.0       | 147           |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 7             | 184.0       | 13.1      | 7.1       | 181           |               |             |           |           |               |

**LDL Cholesterol (mg/dL)**

| <u>Method</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 3             | 101.7       | 6.5       | 6.4       | 102           | 3             | 99.3        | 9.3       | 9.4       | 102           |

**Cholesterol, HDL (mg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 6             | 61.2        | 4.7       | 7.7       | 64            | 6             | 56.3        | 3.1       | 5.6       | 57            |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 6             | 60.0        | 5.4       | 9.1       | 58            | 6             | 43.7        | 3.0       | 6.9       | 44            |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 6             | 49.2        | 4.0       | 8.2       | 50            |               |             |           |           |               |

**Triglycerides (mg/dL)**

| <u>Reagent/Instrument</u> | Specimen CH-1 |             |           |           |               | Specimen CH-2 |             |           |           |               |
|---------------------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 186.7       | 18.2      | 9.8       | 182           | 7             | 169.9       | 14.0      | 8.2       | 168           |
| <u>Reagent/Instrument</u> | Specimen CH-3 |             |           |           |               | Specimen CH-4 |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods               | 7             | 162.0       | 8.9       | 5.5       | 162           | 7             | 129.0       | 7.9       | 6.1       | 130           |
| <u>Reagent/Instrument</u> | Specimen CH-5 |             |           |           |               |               |             |           |           |               |
|                           | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods               | 7             | 132.7       | 7.8       | 5.9       | 136           |               |             |           |           |               |

**Blood Gases – pH**

| <u>Method</u> | Specimen BG-1 |             |           |           |               | Specimen BG-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 7.400       | 0.014     | 0.2       | 7.40          | 2             | 7.110       | 0.028     | 0.4       | 7.11          |
| <u>Method</u> | Specimen BG-3 |             |           |           |               | Specimen BG-4 |             |           |           |               |
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 7.210       | 0.014     | 0.2       | 7.21          | 2             | 7.225       | 0.021     | 0.3       | 7.23          |
| <u>Method</u> | Specimen BG-5 |             |           |           |               |               |             |           |           |               |
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods   | 2             | 7.120       | 0.014     | 0.2       | 7.12          |               |             |           |           |               |

**Blood Gases - pCO<sub>2</sub> (mmHg)**

| <u>Method</u> | Specimen BG-1 |             |           |           |               | Specimen BG-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 42.50       | 1.13      | 2.7       | 42.5          | 2             | 21.20       | 1.70      | 8.0       | 21.2          |
| <u>Method</u> | Specimen BG-3 |             |           |           |               | Specimen BG-4 |             |           |           |               |
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 59.95       | 0.35      | 0.6       | 60.0          | 2             | 24.65       | 1.34      | 5.5       | 24.7          |
| <u>Method</u> | Specimen BG-5 |             |           |           |               |               |             |           |           |               |
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods   | 2             | 18.70       | 1.27      | 6.8       | 18.7          |               |             |           |           |               |

**Blood Gases - pO<sub>2</sub> (mmHg)**

| <u>Method</u> | Specimen BG-1 |             |           |           |               | Specimen BG-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 103.45      | 1.48      | 1.4       | 103.5         | 2             | 109.55      | 15.77     | 14.4      | 109.6         |
| <u>Method</u> | Specimen BG-3 |             |           |           |               | Specimen BG-4 |             |           |           |               |
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 77.90       | 21.07     | 27.1      | 77.9          | 2             | 93.80       | 36.49     | 38.9      | 93.8          |
| <u>Method</u> | Specimen BG-5 |             |           |           |               |               |             |           |           |               |
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods   | 2             | 120.90      | 11.03     | 9.1       | 120.9         |               |             |           |           |               |

**Blood Gases - Ionized Calcium (mmol/L)**

| <u>Method</u> | Specimen BG-1 |             |           |           |               | Specimen BG-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 1             | 1.120       | 0.000     | 0.0       | 1.12          | 1             | 1.550       | 0.000     | 0.0       | 1.55          |

**Blood Gases - Chloride (mmol/L)**

| <u>Method</u> | Specimen BG-1 |             |           |           |               | Specimen BG-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 92.5        | 0.7       | 0.8       | 93            | 2             | 103.5       | 4.9       | 4.8       | 104           |
| <u>Method</u> | Specimen BG-3 |             |           |           |               | Specimen BG-4 |             |           |           |               |
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 104.5       | 4.9       | 4.7       | 105           | 2             | 83.0        | 5.7       | 6.8       | 83            |
| <u>Method</u> | Specimen BG-5 |             |           |           |               |               |             |           |           |               |
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods   | 2             | 109.0       | 0.0       | 0.0       | 109           |               |             |           |           |               |

**Blood Gases - Potassium (mmol/L)**

| <u>Method</u> | Specimen BG-1 |             |           |           |               | Specimen BG-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 4.15        | 0.07      | 1.7       | 4.2           | 2             | 2.50        | 0.14      | 5.7       | 2.5           |
| <u>Method</u> | Specimen BG-3 |             |           |           |               | Specimen BG-4 |             |           |           |               |
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 4.20        | 0.00      | 0.0       | 4.2           | 2             | 4.30        | 0.00      | 0.0       | 4.3           |
| <u>Method</u> | Specimen BG-5 |             |           |           |               |               |             |           |           |               |
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods   | 2             | 1.85        | 0.07      | 3.8       | 1.9           |               |             |           |           |               |

**Blood Gases - Sodium (mmol/L)**

| <u>Method</u> | Specimen BG-1 |             |           |           |               | Specimen BG-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 129.5       | 0.7       | 0.5       | 130           | 2             | 106.0       | 4.2       | 4.0       | 106           |
| <u>Method</u> | Specimen BG-3 |             |           |           |               | Specimen BG-4 |             |           |           |               |
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 134.0       | 1.4       | 1.1       | 134           | 2             | 115.5       | 2.1       | 1.8       | 116           |
| <u>Method</u> | Specimen BG-5 |             |           |           |               |               |             |           |           |               |
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |               |             |           |           |               |
| All Methods   | 2             | 157.0       | 1.4       | 0.9       | 157           |               |             |           |           |               |

**CA 125 (U/mL)**

| <u>Method</u> | Specimen TM-1 |             |           |           |               | Specimen TM-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 1             | 80.0        | 0.0       | 0.0       | 80            | 1             | 141.0       | 0.0       | 0.0       | 141           |

**CA 15-3 (U/mL)**

| <u>Method</u> | Specimen TM-1 |             |           |           |               | Specimen TM-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 1             | 51.0        | 0.0       | 0.0       | 51            | 1             | 95.0        | 0.0       | 0.0       | 95            |

**Free PSA (ng/mL)**

One participant reported Free PSA results. The vendor target values for specimens TM-1 and TM-2 are 13.0 ng/mL and >19.7 ng/mL, respectively.

**PSA (ng/mL)**

| <u>Method</u> | Specimen TM-1 |             |           |           |               | Specimen TM-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 1             | 12.90       | 0.00      | 0.0       | 12.9          | 1             | 25.50       | 0.00      | 0.0       | 25.5          |

**CEA (ng/mL)**

| <u>Method</u> | Specimen SC-1 |             |           |           |               | Specimen SC-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 2             | 11.30       | 4.67      | 41.3      | 11.3          | 2             | 23.35       | 8.13      | 34.8      | 23.4          |

**Estradiol (pg/mL)**

| <u>Method</u> | Specimen SC-1 |             |           |           |               | Specimen SC-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 3             | 884.7       | 375.0     | 42.4      | 711           | 3             | 1424.7      | 772.0     | 54.2      | 990           |

**Ferritin (ng/mL)**

One participant reported Ferritin results. The vendor target values for specimens SC-1 and SC-2 are 135 ng/mL and 246 ng/mL, respectively.

**Folate (ng/mL)**

One participant reported Folate results. The vendor target values for specimens SC-1 and SC-2 are 8.4 ng/mL and 17.2 ng/mL, respectively.

**FSH (mIU/mL)**

| <u>Method</u> | Specimen SC-1 |             |           |           |               | Specimen SC-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 3             | 39.47       | 2.39      | 6.1       | 38.4          | 3             | 75.73       | 9.65      | 12.8      | 73.2          |

**LH (mIU/mL)**

| <u>Method</u> | Specimen SC-1 |             |           |           |               | Specimen SC-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 3             | 13.83       | 8.55      | 61.8      | 14.9          | 3             | 25.97       | 17.28     | 66.6      | 27.9          |

**Prolactin (ng/mL)**

| <u>Method</u> | Specimen SC-1 |             |           |           |               | Specimen SC-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 3             | 136.30      | 215.38    | 158.0     | 13.1          | 3             | 228.87      | 356.92    | 156.0     | 23.1          |

**Testosterone (ng/dL)**

| <u>Method</u> | Specimen SC-1 |             |           |           |               | Specimen SC-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 1             | 7.0         | 0.0       | 0.0       | 7             | 1             | 8.0         | 0.0       | 0.0       | 8             |

**Vitamin B<sub>12</sub> (pg/mL)**

| <u>Method</u> | Specimen SC-1 |             |           |           |               | Specimen SC-2 |             |           |           |               |
|---------------|---------------|-------------|-----------|-----------|---------------|---------------|-------------|-----------|-----------|---------------|
|               | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> | <u>Labs</u>   | <u>Mean</u> | <u>SD</u> | <u>CV</u> | <u>Median</u> |
| All Methods   | 1             | 1460.0      | 0.0       | 0.0       | 1460          | 1             | 2460.0      | 0.0       | 0.0       | 2460          |

**Urine Drug Screen****Alcohol**

| <u>Method</u> | Specimen UDS-1 |                 |                 | Specimen UDS-2 |                 |                 |
|---------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|
|               | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> |
| All Methods   | 1              | -               | 1               | 1              | -               | 1               |

**Amphetamines**

| <u>Method</u> | Specimen UDS-1 |                 |                 | Specimen UDS-2 |                 |                 |
|---------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|
|               | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> |
| All Methods   | 1              | 1               | -               | 1              | 1               | -               |

**Barbiturates**

| <u>Method</u> | Specimen UDS-1 |                 |                 | Specimen UDS-2 |                 |                 |
|---------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|
|               | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> |
| All Methods   | 1              | 1               | -               | 1              | 1               | -               |

**Benzodiazepines**

| <u>Method</u> | Specimen UDS-1 |                 |                 | Specimen UDS-2 |                 |                 |
|---------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|
|               | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> |
| All Methods   | 1              | -               | 1               | 1              | -               | 1               |

**Cannabinoids (THC)**

| <u>Method</u> | Specimen UDS-1 |                 |                 | Specimen UDS-2 |                 |                 |
|---------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|
|               | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> |
| All Methods   | 1              | 1               | -               | 1              | 1               | -               |

**Urine Drug Screen**

**Cocaine Metabolites**

| <u>Method</u> | Specimen UDS-1 |                 |                 | Specimen UDS-2 |                 |                 |
|---------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|
|               | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> |
| All Methods   | 1              | 1               | -               | 1              | 1               | -               |

**Opiates**

| <u>Method</u> | Specimen UDS-1 |                 |                 | Specimen UDS-2 |                 |                 |
|---------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|
|               | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> |
| All Methods   | 1              | -               | 1               | 1              | -               | 1               |

**Tricyclic Antidepressants**

| <u>Method</u> | Specimen UDS-1 |                 |                 | Specimen UDS-2 |                 |                 |
|---------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|
|               | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> | <u>Labs</u>    | <u>Negative</u> | <u>Positive</u> |
| All Methods   | 1              | 1               | -               | 1              | 1               | -               |

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