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To place an order or to change or cancel an existing order, submit your written requests to your MLE distributor. If there is no distributor in your country, contact MLE at mle@acponline.org
How To Order

• Review your MLE catalog to determine the products which best meet your proficiency testing (PT) needs. Note any instructions that refer to specific regulatory requirements or instrument/method compatibility. Choose the product most appropriate for your testing needs. Please pay close attention to instrument compatibility notes when selecting hematology modules and coagulation modules.

• Enroll in MLE by December 9, 2016, to ensure you receive shipments for the entire year. You may enroll anytime after the first event at a prorated cost depending on the availability of specimens.

• Complete the PT order form (page 19 of catalog). Photocopy the completed order form for your records. Send the original form to your MLE distributor. Within a few weeks you should receive an Order Verification.

Note: MLE cannot process your order directly. You must place your order through your MLE distributor.

Order Changes and Cancellations

Written requests are to be sent directly to your MLE distributor.

• Additions or Cancellations: All changes to an existing order must be submitted in writing to your MLE distributor before they can be entered into the order processing system. Please send your order changes in writing at least four weeks prior to the next shipping date to avoid additional shipping fees. MLE ships three times per year. You may enroll throughout the year.

Note: After the first event, module pricing is pro-rated. If you add a module less than four weeks prior to the next shipping date, you may be subject to a “rush order” fee.

If you cancel a module less than four weeks prior to the next shipping date, you are financially responsible for the cost of the module for the next shipment. You will NOT be financially responsible for subsequent shipments. For example, you cancel (in writing) a module on January 4, 2017. The first shipment (M1) is scheduled to be shipped on February 6, 2017. You are responsible for the cost of the module for M1 but not for M2 or M3.

• Cancelling the Entire Order: We will refund any charges for unshipped specimens if we receive notification in writing four weeks prior to the next shipping date. Once we have shipped orders, we cannot cancel the order or refund the cost. The annual administration fee is non-refundable.

The MLE products you order may contain pathogenic material. By returning the order form, you assume all risk and responsibility in connection with the receipt, handling, storage, use, and disposal of the products.
Hematology

Please pay close attention to instrument compatibility notes when selecting hematology modules. Questions? Contact your MLE distributor. See the “Hematology Instrument List” online, www.acponline.org/mle in the Enrollment Information & Forms section.

210 Hematology Module

Five challenges each.

Blood Cell Identification Platelet Count
Hematocrit Red Blood Cell Count
Hemoglobin White Blood Cell Count

211 Basic Hematology

Five challenges each.

Hematocrit Red Blood Cell Count
Hemoglobin White Blood Cell Count
Platelet Count

212 Hemoglobin/Hematocrit

Five challenges each.

213 Hemoglobin/Hematocrit—Waived

For waived methods only.

Two challenges each.

215 Hemoglobin/Glucose

For HemoCue only.

Two challenges each.

223 Hematology with 5-part Differential

Compatible with most Abbott CELL-DYN 5-part differential instruments only.

Five challenges each.

Automated Differential Platelet Count
Hematocrit Red Blood Cell Count
Hemoglobin White Blood Cell Count

224 Sysmex with 3-part Differential

Compatible with Sysmex 3-part automated differential instruments only.

Five challenges each.

Automated Differential Platelet Count
Hematocrit Red Blood Cell Count
Hemoglobin White Blood Cell Count

225 Hematology with 3-part Differential

Compatible with most 3-part differential instruments EXCEPT Sysmex (see 224).

Five challenges each.

Automated Differential Platelet Count
Hematocrit Red Blood Cell Count
Hemoglobin White Blood Cell Count

226 Hematology with 5-part Differential

Compatible with most Beckman–Coulter 5-part differential instruments EXCEPT for the AcT 5diff (see 228).

Five challenges each.

Automated Differential Platelet Count
Hematocrit Red Blood Cell Count
Hemoglobin White Blood Cell Count

228 Hematology with 5-part Differential

Compatible with Beckman Coulter AcT 5diff and ABX Pentra 5-part differential instruments.

Five challenges each.

Automated Differential Platelet Count
Hematocrit Red Blood Cell Count
Hemoglobin White Blood Cell Count

229 Sysmex with 5-part Differential

Compatible with most Sysmex 5-part differential instruments only.

Five challenges each.

Automated Differential Platelet Count
Hematocrit Red Blood Cell Count
Hemoglobin White Blood Cell Count
230 Blood Cell Identification (Add-On)  
Same as 231.  
Only available with 223 through 229.

231 Blood Cell Identification  
Stand-alone module.

Five challenges consisting of color photographs.

240 Reticulocyte Count  
Compatible with automated and manual reticulocyte counting methods. Not for use with brilliant cresyl blue staining methods.

Two challenges.

247 Sedimentation Rate  
Not for use with Sedimat 15 / 15 Plus

Two challenges.  
*Sedimentation Rate is not required by CAP.

248 Sedimat 15 ESR  
Compatible with the Polymedco Sedimat 15 / 15 Plus instruments only.

Two challenges.  
*Sedimentation Rate is not required by CAP.

250 Fluid Cell Count/Crystals  
Fluid for Hemocytometer cell count and color photographs for identification of crystals.

Two challenges each.  
* Crystal Screening  
* WBC Count  
* RBC Count

Coagulation

320 Coagulation Module  
Five challenges each.  
♦ Fibrinogen  
♦ INR  
♦ Partial Thromboplastin Time  
♦ Prothrombin Time

321 Prothrombin Time  
Five challenges each.  
♦ INR  
♦ Prothrombin Time

324 Roche CoaguChek XS INR  
Not for use with CoaguChek XS Plus.

Two challenges.  
INR  
*Waived INR is not required by CAP.

328 i-STAT Prothrombin Time  
Compatible with the i-STAT instruments only.

Five challenges each.  
INR  
Prothrombin Time

330 CoaguChek XS Plus Prothrombin Time  
For CoaguChek XS Plus only.

Five challenges each.  
INR  
Prothrombin Time

331 CoaguChek XS Plus Prothrombin Time—Waived  
For CoaguChek XS Plus only.

Two challenges each.  
INR  
Prothrombin Time  
*Waived PT/INR is not required by CAP.
**Blood Bank**

450 **Rh Factor (D Type)**
For Slide Methods ONLY.
Five challenges.

451 **ABO & Rh Factor (D Type)**
Not for use with slide methods.
Five challenges each.

452 **Blood Bank 1**
Not for use with slide methods.
Five challenges each.
ABO Group
Rh Factor (D Type)
Unexpected Antibody Detection

453 **Blood Bank 2**
Not for use with slide methods.
Five challenges each.
ABO Group
Rh Factor (D Type)
Unexpected Antibody Detection

**Provider-Performed Microscopy**

534 **Provider-Performed Microscopy (PPM)**
Color photographs depicting microscopic fields for the examination of:
- Fecal Leukocytes (M2, M3)
- FERN testing (M1, M3)
- Nasal Eosinophils (M1, M2, M3)
- Pinworms (M1, M2)
- Scabies (M1, M2)*
- Sperm (M2, M3)
- Vaginal KOH Preparations (M1, M3)
- Vaginal Wet Mount Preparations (M1, M2, M3)

Six challenges total per shipment as indicated in parentheses above.
*Scabies examination is not required by CAP.

535 **Provider-Performed Microscopy (PPM) Add-On**
Same as 534. Only available with 530, 531, 532, 541.

538 **KOH Slides**
Two fixed glass slides for determining the presence or absence of fungal elements in skin scrapings.
Two challenges.
Urinalysis

530 Urinalysis Module

One challenge each unless otherwise noted in parentheses.

- Bilirubin
- Blood/Hemoglobin
- Glucose
- Ketones
- Leukocyte Esterase
- Microalbumin (dipstick only)
- Nitrite
- pH
- Protein
- Specific Gravity
- Urobilinogen
- Urine Sediment Identification (2)

531 Urinalysis Dipstick

hCG not included.

One challenge each.

- Bilirubin
- Blood/Hemoglobin
- Glucose
- Ketones
- Leukocyte Esterase
- Microalbumin (dipstick only)
- Nitrite
- pH
- Protein
- Specific Gravity
- Urobilinogen

532 Urine Sediment Identification

Two challenges consisting of photographs.

533 Urine Sediment Identification (Add-On)

Same as 532. Only available with 531, 534, 541.

536 Urine Microalbumin/Creatinine (Add-On)

Same as 539. Only available with 530, 531, 541, 868, 872.

539 Urine Microalbumin/Creatinine

Stand-alone module.
Compatible with quantitative and semi-quantitative (dipstick) methods.

One challenge each.

537 Fecal Occult Blood (Add-On)

Same as 542.
Only available with 530, 531, 532, 534, 541.

*Fecal occult blood testing is not required by CAP.

542 Fecal Occult Blood

Stand-alone module.

Two challenges.

*Fecal occult blood testing is not required by CAP.

540 Urine hCG (Add-On)

Same as 541.
Only available with 530, 531.

541 Urine hCG

Stand-alone module.

One challenge.

◆ Analyte not CAP accepted
Waived Testing Packages

Waived Testing—The Importance of Performing Proficiency Testing

Certificate of Waiver (CW) laboratories must only perform waived laboratory tests. When the Centers for Medicare & Medicaid Services (CMS) began random inspections of some CW laboratories in 2002, many laboratories chose to participate in proficiency testing as a quality assurance check. MLE responded by preparing special two-challenge proficiency modules, designed for the needs of the waived testing laboratory. Our custom selection of cost effective waived modules appears below.

901 Waived and PPM Package

Number of challenges noted in parentheses.

- Fecal Occult Blood* (2)
- Hemoglobin (2)
- Hematocrit (2)
- PPM (6)**
- Urinalysis (1)
- Urine hCG (1)
- Urine Sediment (2)
- Strep A Antigen (2)
- Whole Blood Glucose (2)***

*Fecal occult blood testing is not required by CAP.
**Scabies examination is not required by CAP.
***Strip waived Whole Blood Glucose is not required by CAP.

902 Basic Waived and PPM Package

Number of challenges noted in parentheses.

- Fecal Occult Blood* (2)
- PPM (6)**
- Strep A Antigen Detection (2)
- Urinalysis (1)
- Urine hCG (1)
- Urine Sediment (2)
- Whole Blood Glucose (2)***

*Fecal occult blood testing is not required by CAP.
**Scabies examination is not required by CAP.
***Strip waived Whole Blood Glucose is not required by CAP.

Microbiology

- U.S. federal law requires a minimum of five CMS regulated (non-waived methods) bacteriology challenges per shipment. Individual state laws may differ. When enrolling, ensure your order meets the requirement that is the more stringent of the two. The number of challenges is noted in parentheses.

- All urine culture specimens are suitable for presumptive identification and/or definitive identification.

Note: The specimens included may contain dangerous pathogens and must be treated with extreme care. These specimens must be handled and disposed of only by personnel trained to work with pathogenic microorganisms.

630 Bacteriology 1

Six cultures per shipment consisting of the following:
- Antimicrobial Susceptibility Testing (1)
- Genital Culture (1)
- Gram Stain (2)
- Gram Stain Morphology (2)
- Miscellaneous Culture (3) *
- Throat Culture (1)
- Urine Culture (1)

*Possible sources include: Blood, CSF, Ear, Eye, Respiratory, Stool, Wound.

640 Bacteriology 2

- Antimicrobial Susceptibility Testing (1)
- Genital Culture (1)
- Gram Stain (2)
- Gram Stain Morphology (2)
- Strep A Antigen Detection (1)
- Throat Culture (2)
- Urine Culture (2)
### 643 Urine Culture
- Antimicrobial Susceptibility Testing (1)
- Gram Stain (1)
- Gram Stain Morphology (1)
- Urine Culture (5)

### 644 Urine Culture/Strep A Antigen Detection
- Antimicrobial Susceptibility Testing (1)
- Gram Stain (1)
- Gram Stain Morphology (1)
- Strep A Antigen Detection (3)
- Urine Culture (2)

### 645 Urine/Throat Culture
- Antimicrobial Susceptibility Testing (1)
- Gram Stain (1)
- Gram Stain Morphology (1)
- Throat Culture (2)
- Urine Culture (3)

### 647 Urine Presumptive ID/Colony Count
- Best suited for paddle-dipping methods.
  - Antimicrobial Susceptibility Testing (1)
  - Colony Count (2)
  - Gram Stain (1)
  - Gram Stain Morphology (1)
  - Presumptive Identification (5)

### 648 Colony Count
- Colony Count does not contribute to the overall minimum of five bacteriology challenges.
  - No presumptive identification may be submitted for this module.
  - Two challenges.

### 649 Urine Presumptive ID/Strep A Antigen Detection
- Best suited for urine paddle-dipping methods.
  - Antimicrobial Susceptibility Testing (1)
  - Colony Count (2)
  - Gram Stain (1)
  - Gram Stain Morphology (1)
  - Presumptive Identification (2)
  - Strep A Antigen Detection (5)

### 652 Urine Presumptive ID/Throat Culture
- Best suited for urine paddle-dipping methods.
  - Antimicrobial Susceptibility Testing (1)
  - Colony Count (2)
  - Gram Stain (1) (directly from sample provided)
  - Gram Stain Morphology (1)
  - Presumptive Identification (2)
  - Throat Culture (3)

### 650 Gram Stain
- Five fixed glass slides.

### 641 Throat Culture
- Not suitable for Strep A kits.
  - Five challenges.

### 642 Throat Culture/Strep A Antigen Detection
- Strep A Antigen Detection (3)
- Throat Culture (2)

### 660 Strep A Antigen Detection
- Not suitable for culture.
  - Five challenges.

### 662 Strep A Antigen Detection—Waived
- For waived Strep A Antigen Detection kits only.
  - Two challenges.

### 646 Genital Culture
- Gram Stain (1)
- Gram Stain Morphology (1)
- Genital Culture (5)

### 653 Genital/Urine Culture
- Antimicrobial Susceptibility Testing (1)
- Genital Culture (3)
- Gram Stain (2)
- Gram Stain Morphology (2)
- Urine Culture (2)
668 Affirm VP III (DNA)

Five challenges each.
Candida sp. Trichomonas vaginalis
Gardnerella vaginalis

670 Chlamydia (EIA, DNA)

Five challenges.

675 Chlamydia/GC (EIA, DNA)

Five challenges each.
Chlamydia trachomatis
Neisseria gonorrhoeae

673 Chlamydia (EIA, DNA)—Add-On
Same as 670. Only available with 630 through 647, 649, 650, 652, 660.

Two challenges.

678 Dermatophyte Screen
Appropriate for determining the presence or absence of dermatophytes.

Two challenges.

538 KOH Slides
Two fixed glass slides for determining the presence or absence of fungal elements in skin scrapings.

Two challenges.

680 Respiratory Antigen Detection—Waived

Two challenges each.
Influenza A Influenza B
Influenza A/B Combo RSV

681 Respiratory Antigen Detection

Five challenges each.
Influenza A Influenza B
Influenza A/B Combo RSV

682 C. difficile/Rotavirus Antigen Detection

Five challenges each.
C. difficile Toxin/Common Antigen Rotavirus

683 Giardia lamblia/Cryptosporidium Antigen Detection

Five challenges each.
• Cryptosporidium • Giardia lamblia

686 Legionella Antigen Detection
For use with Binax NOW Legionella Urinary Antigen Detection kits only.

Five challenges.

687 Streptococcus pneumoniae Antigen Detection
For use with Binax NOW Streptococcus pneumoniae Urinary Antigen Detection kit only.

Five challenges.

690 Parasitology
Provides five challenges from among the following: PVA Slide (for permanent stain), Fecal Suspension (direct wet mount examination for ova and parasites), Blood Smear for Parasites.

691 Parasitology 2
Fecal Suspension (4) Blood Smear (1)

695 MRSA Screening
Screening for the presence or absence of methicillin-resistant Staphylococcus aureus only.

Five challenges.
**Immunology**

**750 Immunology Module**
- Five challenges each.
  - Anti-Streptolysin O (ASO)
  - Infectious Mononucleosis
  - Rheumatoid Factor

**751 Rheumatology Module**
- Number of challenges noted in parentheses.
  - C-Reactive Protein (2) (Not for high-sensitivity methods)
  - Rheumatoid Factor (5)

**755 Infectious Mononucleosis—Waived**
- For waived Infectious Mononucleosis kits only.
- Two challenges.

**762 Infectious Mononucleosis**
- Five challenges.

**761 Infectious Mononucleosis/Rheumatoid Factor**
- Five challenges each.

**763 Rheumatoid Factor**
- For IgG methods only.
- Five challenges.

**764 C-Reactive Protein (CRP)**
- Not for high-sensitivity methods.
- Two challenges.

**776 C-Reactive Protein (CRP)—Add-On**
- Not for high-sensitivity methods.
- Only available with 750.
- Two challenges.

**777 High-Sensitivity C-Reactive Protein (HS-CRP)—Add-On**
- Only available with 750 and 751.
- Two challenges.

**767 Antinuclear Antibody (ANA)**
- Five challenges.

**779 Antinuclear Antibody (ANA)-Add-On**
- Same as 767. Only available with 751.

**782 ANA Expanded**
- Five challenges each.
  - ANA
  - Anti-dsDNA
  - Anti-RNP
  - Anti-RNP/Sm
  - Anti-SSA
  - Anti-SSA/SSB
  - Anti-SSB
  - Anti-Sm

**783 ANA Expanded (Add-On)**
- Same as 782. Only available with 750 and 751.

**784 Complement/Immunoglobulins**
- Five challenges each.
  - Complement C3
  - Complement C4
  - IgA, Total
  - IgG, Total
  - IgM, Total

**771 Rubella**
- For IgG methods only.
- Five challenges.

**772 Syphilis Serology**
- Five challenges each.
  - MHA-TP
  - TPA
  - RPR
  - VDRL

**770 Specific Allergen Testing**
- Number of challenges noted in parentheses.
- Includes 2 sets of samples for large volume requirements.
- Does not include Total IgE.
  - Allergen Specific IgE (14)
740 Additional Specific Allergen Material
Includes 1 additional set of samples for large volume requirements.
Only available with 773.
❖ Allergen Specific IgE (14)

773 Diagnostic Allergy
Number of challenges noted in parentheses.
❖ Allergen Specific IgE (14)
❖ IgE, Total (5)

775 Viral Markers
Five challenges each.
❖ Anti-HAV (IgM) Anti-HCV
❖ Anti-HAV (Total/IgG) Anti-HIV
❖ Anti-HBc (IgM) HBeAg
❖ Anti-HBc (Total/IgG) HBsAg
Anti-HBs

780 H. pylori Antibody Detection
Two challenges.

781 Mycoplasma Antibody
For IgG methods only.
Two challenges.

786 Toxoplasma IgG/IgM
Two challenges.

788 CMV IgG/IgM
Two challenges.

790 Anti-HIV—Waived
For waived HIV kits only.
Two challenges.

791 Anti-HIV
Five challenges.

905 Syphilis/Viral Marker Combo
Includes 772 and 775
Five challenges.

909 Immunology Combination
Includes 750, 764, and 773
Five challenges unless noted in parentheses.
Allergen specific IgE (14)
Anti-streptolysin O (ASO)
C-Reactive Protein (CRP) (2)
IgE, Total
Infectious mononucleosis
Rheumatoid factor

910 Inflammatory Module
Five challenges unless noted in parentheses.
Anti-Streptolysin O (ASO)
C-Reactive Protein (2) – Not for high-sensitivity methods
Rheumatoid Factor

912 Rubella/Toxoplasma/CMV Combo
Five challenges.
Rubella
Two challenges.
Toxoplasma
CMV
**Chemistry**

Please pay close attention to instrument compatibility notes when selecting any of the chemistry modules.

If you need any assistance, contact your MLE distributor.

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**811 Lipid Panel/Glucose - Waived**

For waived testing ONLY.

**Two challenges each.**
- Cholesterol, LDL - Calculated*
- Cholesterol, HDL
- Cholesterol, Total
- Glucose
- Triglyceride

*Not required by CAP.

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**812 Piccolo Waived Chemistry**

For the Abaxis Piccolo Instrument (waived cartridges ONLY).

**Two challenges each.**
- Albumin
- Creatinine
- Creatine Kinase (CK)
- Alkaline Phosphatase
- Creatinine
- ALT (SGPT)
- GGT
- Amylase
- Glucose
- AST (SGOT)
- Phosphorus
- Bilirubin, Total
- Protein, Total
- Calcium
- Sodium
- Cholesterol, HDL
- Triglyceride
- Cholesterol, LDL-CalC*
- Urea Nitrogen
- Cholesterol, Total
- Uric Acid
- CO2

*Not required by CAP.

---

**817 i-STAT Chemistry 1**

Five challenges each.
- Calcium, Ionized
- pCO2
- Chloride
- pH
- Creatinine
- pO2
- Glucose
- Potassium
- Hematocrit
- Sodium
- Hemoglobin
- tCO2 *
- Lactic Acid
- Urea Nitrogen

*Not required by CAP.

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**818 i-STAT Chemistry 2**

Five challenges each.
- Calcium, Ionized
- Hemoglobin
- Chloride
- Potassium
- Creatinine
- Sodium
- Glucose
- tCO2 *
- Hematocrit
- Urea Nitrogen

*Not required by CAP.

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**832 i-STAT Chemistry—Waived**

Two challenges each.
- Calcium, Ionized
- Hemoglobin
- Chloride
- Potassium
- Creatinine
- Sodium
- Glucose
- tCO2 *
- Hematocrit
- Urea Nitrogen

*Not required by CAP.

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**833 Piccolo Waived Chemistry (Add-On)**

Same as 812. Only available with 824.

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**847 Blood Gases**

Compatible with the i-STAT analyzer as well as other blood gas instruments.

**Five challenges each.**
- Chloride
- Calcium, Ionized
- Lactic Acid
- pH
- pCO2
- Potassium
- Sodium
### 810 Chemistry Module

**Five challenges each.**
- Albumin
- Alkaline Phosphatase
- **Alpha-fetoprotein**
- ALT (SGPT)
- Amylase
- AST (SGOT)
- Bilirubin, Direct
- Bilirubin, Total
- Calcium
- Chloride
- Cholesterol, HDL
- Cholesterol, LDL - Calc*
- Cholesterol, LDL - Direct
- Cholesterol, Total
- CO2
- Cortisol
- Creatine Kinase (CK)
- Creatinine
- Free T3
- Free Thyroxine (T4)
- GGT
- *Not required by CAP.

### 815 Hepatic Profile

**Five challenges each.**
- Albumin
- Alkaline Phosphatase
- **Alpha-fetoprotein**
- ALT (SGPT)
- AST (SGOT)
- Bilirubin, Direct
- Bilirubin, Total
- Calcium
- Chloride
- Cholesterol, HDL
- Cholesterol, LDL - Calc*
- Cholesterol, LDL - Direct
- Cholesterol, Total
- CO2
- Cortisol
- Creatine Kinase (CK)
- Creatinine
- Free T3
- Free Thyroxine (T4)
- GGT
- *Not required by CAP.

### 814 Basic Metabolic Panel

**Five challenges each.**
- Calcium
- Chloride
- CO2
- Creatinine
- Glucose
- Iron
- Lactic Acid
- LDH
- Lipase
- Magnesium
- Phosphorus
- Protein, Total
- Sodium
- T3 Uptake
- Thyroxine (T4)
- TIBC - Calc*
- TIBC - Direct
- Triglyceride
- Triiodothyronine (T3)
- TSH
- UIBC - Direct
- Urea Nitrogen
- Uric Acid
- *Not required by CAP.

### 813 Comprehensive Metabolic Panel

**Five challenges each.**
- Albumin
- Alkaline Phosphatase
- ALT (SGPT)
- AST (SGOT)
- Bilirubin, Direct
- Bilirubin, Total
- Calcium
- Chloride
- CO2
- Creatinine
- Glucose
- Iron
- Lactic Acid
- Magnesium
- Phosphorus
- Protein, Total
- Sodium
- TIBC - Calc*
- TIBC - Direct
- UIBC - Direct
- Urea Nitrogen
- Uric Acid
- *Not required by CAP.

### 816 Hepatic Profile (Add-On)

Same as 815. Only available with 814, 819-821, 824, 826, 828, 830, 834.

### 819 Chemistry 1

**Five challenges each.**
- Cholesterol, Total
- Potassium
- Glucose
- Urea Nitrogen

### 820 Chemistry 2

**Five challenges each.**
- Bilirubin, Total
- Glucose
- Chloride
- Sodium
- Creatinine
- Urea Nitrogen
- Uric Acid

### 821 Chemistry 3

**Five challenges each.**
- Bilirubin, Total
- Creatinine
- Chloride
- Glucose
- Cholesterol, HDL
- Potassium
- Cholesterol, LDL - Calc*
- Sodium
- Cholesterol, LDL - Direct
- Triglyceride
- Cholesterol, Total
- Urea Nitrogen
- CO2
- Uric Acid
- *Not required by CAP.

### 834 Additional Chemistries

Stand alone module.

**Five challenges each.**
- Albumin
- Calcium
- Iron
- Lactic Acid
- Magnesium
- Phosphorus
- Protein, Total
- TIBC - Calc*
- TIBC - Direct
- UIBC - Direct
- Urea Nitrogen
- Uric Acid
- *Not required by CAP.
822  Additional Chemistries (Add-On)
Same as 834. Only available with 814, 815, 819-821, 824, 826, 828, 830.

828  Enzyme Chemistry - Ship Alone
Five challenges each.
Alkaline Phosphatase  Creatine Kinase (CK)
ALT (SGPT)  GGT
Amylase  LDH
AST (SGOT)  Lipase

823  Enzyme Chemistry (Add-On)
Same as 828. Only available with 813-815, 819-821, 824, 826, 830, 834.

824  Thyroid Profile
Five challenges each.
◆ Alpha-fetoprotein  Thyroxine (T4)
Cortisol  Thyroxine (T4), Free
t3, Free  Triiodothyronine (T3)
t3 Uptake  TSH

825  Thyroid Profile (Add-On)
Same as 824. Only available with 813-815, 819-821, 824, 826, 830, 834.

826  Lipid Profile
Five challenges each.
Cholesterol, HDL  Cholesterol, LDL - Calc*
Cholesterol, LDL - Direct  Cholesterol, Total
Triglyceride
*Not required by CAP.

827  Lipid Profile (Add-On)
Same as 826. Only available with 813-815, 819, 824, 828, 830, 834.

829  Apolipoproteins
Two challenges each.
◆ Apolipoprotein A1 ◆ Apolipoprotein B

830  Therapeutic Drug Monitoring
Five challenges each.
◆ Acetaminophen  Phenytoin
◆ Carbamazepine  Salicylate
◆ Digoxin  Theophylline
◆ Gentamicin  Valproic Acid
◆ Lithium  Vancomycin

831  Therapeutic Drug Monitoring (Add-On)
Same as 830. Only available with 810, 813-815, 819-821, 824, 826, 828, 834.

835  Serum Alcohol/Acetone
Five challenges each.

836  Ammonia
Two challenges.

837  Blood Lead
Five challenges each.

838  Blood Lead—Waived
Two challenges.

841  Neonatal Bilirubin
Five challenges each.
Bilirubin, Direct  Bilirubin, Total

842  Direct Bilirubin (Add-On)
Same as 843. Only available with 814, 819-821, 824, 826, 828.

843  Direct Bilirubin
Five challenges each.
845 Cardiac Markers

Five challenges each. Quantitative only.
- BNP
- CK-MB
- D-Dimer
- Myoglobin
- NT-proBNP
- Troponin I
- Troponin T

846 BNP/D-Dimer

Two challenges each.
- BNP *
- D-Dimer
*CAP accepted for waived methods only.

850 Glycohemoglobin

Not compatible with Afinion analyzer. CAP accepted for waived methods only.

Two challenges.

851 Afinion Glycohemoglobin

Two challenges.

854 SHBG/Testosterone

Lyophilized samples.

Two challenges each.
- Sex Hormone Binding Globulin
- Testosterone
- Testosterone, Bioavailable
- Testosterone, Free

859 PSA (Add-On)

Same as 861. Only available with 860.

860 Endocrinology/Hematology/Oncology

Two challenges each.
- CEA
- DHEA-S
- Estradiol
- Ferritin
- Folate
- FSH
- LH
- Progesterone
- Prolactin
- Testosterone
- Transferrin
- Vitamin B12
- Homocysteine

862 Tumor Markers

Two challenges each.
- Beta (β)-2 Microglobulin
- CA 125
- CA 15-3
- CA 19-9
- CA 27/29
- PSA
- PSA, Free
- Thyroglobulin

863 Endocrinology 2

Lyophilized samples.

Two challenges each.
- C-Peptide
- Insulin
- Parathyroid hormone (PTH)
- Vitamin D, 25-Hydroxy

864 Thyroid Antibodies

Two challenges each.
- Thyroglobulin Antibody
- Thyroid Microsomal Antibody (Anti-TPO)

865 Serum hCG

Five challenges each.

866 Serum hCG (Add-On)

Same as 865. Only available with 810, 813, 814, 815, 817-821, 824, 826, 828, 834.

870 Whole Blood Glucose

Five challenges.
*Strip waived Whole Blood Glucose is not required by CAP.

871 Whole Blood Glucose—Waived

Two challenges.
*Strip waived Whole Blood Glucose is not required by CAP.
2017 SHIP DATES M1: Feb. 6 • M2: May 15 • M3: Sept. 11

906 Thyroid/Immuoassay/Tumor Marker Combo

Five challenges.
Thyroid assays

Two challenges.
Immuoassays
Tumor Markers

907 Thyroid/Immuoassay/Tumor Marker/Serum hCG Combo

Includes 824, 860, 862, and 865

Five challenges.
hCG
Thyroid assays

Two challenges.
Immuoassays
Tumor Markers

908 Immuoassay/Tumor Marker Combo

Includes 860 and 862

Two challenges.

913 Immuoassay/Tumor Marker/hCG Combo

Includes 860, 862, and 865

Five challenges.
hCG assays

Two challenges.
Immuoassays
Tumor Markers

867 Urine Drug Screen

Two challenges for the qualitative detection of drugs in urine.

Cannabinoids
Opiates

868 Urine Drug Screen

Two challenges - 10 ml each.
For the qualitative detection of drugs in urine.
Each challenge will include one or more of the following:

Acetaminophen
Amphetamines
Methadone

Amphetamines/
Methamphetamine

Methamphetamine

Methanol

Methaqualone

6-Monoacetylmorphine

Opiates (Morphine Trihydrate)

Oxycodone

Phencyclidine

Propoxyphene

Tramadol

Tricyclic Antidepressants

872 Urine Chemistry

Two challenges each.

Amylase
Phosphorus

Calcium
Potassium

Chloride
Protein, Total

Creatinine
Sodium

Glucose
Uric Acid

Magnesium
Urea Nitrogen

Osmolality

880 Additional Chemistry Testing Material

Includes all analytes in Chemistry Module 810 and Therapeutic Drug Monitoring Module 830. It is the same material used in those modules and will be shipped to your laboratory at the same time as your regular Chemistry samples. You can use it as:

• Extra PT material in case you have a problem and need extra testing material.
• A way to double-check unacceptable PT results after corrective action.
• An educational tool to train personnel.
• A means to meet the CMS quality assurance requirements for a second chemistry instrument.
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Note: Analytes are CAP accepted unless indicated by ◦ on pages 3-16.
**CMS regulated analytes for CLIA purposes are in bold.**

**Note:** Analytes are CAP accepted unless indicated by * on pages 3-15.

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1. □ New Enrollee ________________________________
   □ Renewing Participant: MLE ID # __________________

2. Bill to: (please print clearly or type)
   Contact ____________________________________________
   Facility Name ________________________________________
   Address ____________________________________________
   ______________________________________________________
   City_________________ State______ ZIP________
   Country (other than U.S.) _____________________________
   Phone_________________ Fax_____________________
   E-mail ___________________________________________

3. Lab Director ________________________________

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   Facility Name ________________________________________
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Off-Schedule Proficiency Testing

Off-schedule proficiency testing (PT) provides laboratories with immediate, on-demand, customized proficiency testing for reinstatement or remedial purposes; a complement to the regularly scheduled PT program.

Who Needs Off-Schedule Testing?

• Laboratories with unsuccessful performance (score of less than 80%) for two out of three regular testing events may be required to perform off-schedule PT to lift a “cease-testing” order from their regulatory or accrediting agency. In these cases, two acceptable proficiency performances (score of 80% or better) may be required for the lab to resume testing patients.

• Some laboratories use off-schedule PT to verify that corrective actions were effective. This service is available to every laboratory, regardless of MLE enrollment status.

For information on cost and availability, contact your MLE Distributor.
American College of Physicians
International Chapters

CANADA (Alberta, Atlantic Provinces, British Columbia, Manitoba & Saskatchewan, Ontario, Quebec)

LATIN AMERICA
Brazil
Central America
Chile
Colombia
Mexico
Venezuela

OTHER INTERNATIONAL CHAPTERS
Gulf (includes Bahrain, Kuwait, Oman, Qatar, and United Arab Emirates)
Bangladesh
Caribbean
India
Japan
Saudi Arabia
Southeast Asia (includes Indonesia, Malaysia, Philippines, Singapore, and Thailand)

For more information, visit
www.acponline.org/about_acp/international/chapters/
### NEW MODULES

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### MODULE RECONFIGURATIONS

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