

Regulated Analytes or Tests Requiring Proficiency Testing Enrollment (Moderate and High Complexity tests only)

I:\CLERICAL\FORMS\ANALYTES.WPD
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Requirements for Clinical
Laboratories”

BACTERIOLOGY

Combination culture set
Culture
Susceptibility
Individual culture/antigen set
Gram stain
Throat culture
Urine culture
GC culture
Strep-A/B
Chlamydia

MYCOBACTERIOLOGY

AFB smear
AFB culture
AFB sensitivity

PARASITOLOGY

Ova & Parasite ID

VIROLOGY

Antigen tests
Identification (ID)

MYCOLOGY

Yeast ID/Culture
Dermatophyte ID only
Combination - Cult/ID

SYPHILIS SEROLOGY

Syphilis test

GENERAL IMMUNOLOGY

Alpha-1 antitrypsin
AFP (tumor marker)
Antinuclear antibody
ASO
HIV
Complement C3
Complement C4
HBSAG
Anti-HBc
Hbe-AG
IgA
IgE
IgG
IgM
Infectious mononucleosis
Rheumatoid factor (RA)
Rubella

ENDOCRINOLOGY

Cortisol
Free Thyroxine
Serum pregnancy test (HCG)
T3 Uptake
Triiodothyronine
TSH
Thyroxine

CHEMISTRY

Albumin
Alkaline phosphatase
ALT/SGPT
Amylase
AST/SGOT
Bilirubin, total
Blood gas pCO₂
Blood pH
Blood gas pO₂
Calcium, total
Chloride
Cholesterol, total
HDL Cholesterol
Creatine kinase
Creatine kinase isoenzyme
Creatinine
Glucose
Iron, total
Lactate dehydrogenase
LDH isoenzyme
Magnesium
Potassium
Protein, total
Sodium
Triglycerides
Urea nitrogen (BUN)
Uric acid

For additional information, see
“Synopsis of Proficiency Testing

TOXICOLOGY

Alcohol, blood
Blood lead
Carbamazepine
Digoxin
Ethosuximide
Gentamicin
Lithium
Phenobarbital
Phenytoin
Primidone
Procainamide (and metabolite)
Quinidine
Tobramycin
Theophylline
Valproic Acid

HEMATOLOGY

Cell ID/Differential
Red cell count (RBC)
Hematocrit
Hemoglobin
White cell count (WBC)
Platelet Count
Fibrinogen
Partial thromboplastin (PTT)
Prothrombin time (PT)

IMMUNOHEMATOLOGY

ABO Group
D (Rho) typing
Unexpected Antibody
Compatibility testing
Antibody identification

SUBSTANCE OF ABUSE TESTING

Amphetamines/Methamphetamines
Barbiturates/Secobarbital
Benzodiazepine
Cannabinoids/Delta-9-THC-COOH
Cocaine/Benzoylcegonine
Ethanol
Lysergic acid diethylamide
Methadone
Methaqualone
Opiates/Morphine/Heroin/Codeine

PCP/Phencyclidine

Propoxyphene

Tricyclic Group

Other Substance of Abuse drugs