



## DIAGNOSTIC ACCREDITATION PROGRAM

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# DAP Mandated Proficiency Testing by Specialty 2016

## CHEMISTRY

- 1,25-diOH Vitamin D
- 5-HIAA
- 17-Hydroxyprogesterone
- 25-OH Vitamin D
- Acetaminophen
- ACTH
- Albumin
- Aldosterone
- Alkaline phosphatase
- ALT
- Ammonia
- Amylase
- Androstenedione
- Anti-TPO antibody
- Apolipoprotein A1
- Apolipoprotein B
- Arsenic
- AST
- Bilirubin, total
- Blood Gases – pCO<sub>2</sub>
- Blood Gases – pH
- Blood Gases – pO<sub>2</sub>
- BNP / NT-proBNP
- Calcium, ionized
- Calcium, total
- Carbamazepine
- Catecholamines
- Celiac serology\*
- Ceruloplasmin
- Chloride
- Cholesterol, HDL
- Cholesterol, LDL
- Cholesterol, total
- CK-MB
- CO<sub>2</sub>, total
- Copper
- Cortisol
- C-reactive protein (CRP)
- Creatine kinase (CK)
- Creatinine
- Cyclic citrullinated peptide (CCP)
- Cyclosporin
- DHEA / DHEA sulfate
- Digoxin
- Ethanol
- Erythropoietin
- Estradiol
- Ferritin
- Fetal fibronectin (fFN)
- Folate
- Follicle-stimulating hormone (FSH)
- Gamma-glutamyl transferase (GGT)
- Gentamicin
- Glucose
- Growth hormone (GH)
- Haptoglobin
- Hemoglobin A1C
- Homocysteine
- Human chorionic gonadotropin (hCG)
- IGF-1 (somatomedin C)
- Insulin
- Iron, total
- Lactate
- Lactate dehydrogenase (LD)
- Lead, blood
- Lipase
- Lipoprotein (a)
- Lithium
- Luteinizing hormone (LH)
- Magnesium
- Mercury
- Metanephrines
- Microalbumin
- Mycophenolic acid (MPA)
- Osmolality
- Oximetry
- Phenobarbital
- Phenytoin
- Phosphorus
- Potassium
- Progesterone
- Prolactin
- Protein electrophoresis
- Protein, total
- PTH
- Quinidine
- Renin
- Salicylate
- Sex hormone binding globulin (SHBG)
- Sirolimus
- Sodium
- T<sub>3</sub>, free
- T<sub>4</sub>, free
- Tacrolimus
- Testosterone
- Theophylline
- Thyroid-stimulating hormone (TSH)
- Tobramycin
- Total Iron-binding capacity (TIBC)
- Transferrin
- Triglycerides
- Troponin I/Troponin T
- Tumor markers\*
- Unsaturated Iron-binding capacity (UIBC)
- Urea
- Uric acid
- Urine drugs of abuse\*
- Valproic Acid
- Vancomycin
- Vanillylmandelic acid (VMA)
- Vitamin B12
- Zinc

\*Categories indicated by an asterisk include all types of service that are offered in that category.

## MICROBIOLOGY

- Microscopic:
  - Gram stains
  - Acid fast stains
  - Parasites
  - Detection/identification of other bacteria, and fungi (e.g. direct KOH preparations)
- Isolation, identification and susceptibility testing of organisms
- Serological, antigen and/or molecular detection of commonly encountered:
  - Bacteria (e.g. MRSA, VRE, C. difficile toxin, Chlamydia, N. gonorrhoeae)
  - Viruses (e.g. Hepatitis B, HIV)
  - Parasites (e.g. Trichomonas vaginalis)
  - Fungi (e.g. Cryptococcus)

All other microbiology testing is subject to alternative assessment procedures.

## COAGULATION

- Activated partial thromboplastin time (APPT)
- Anti-thrombin
- D-dimer
- dRVVT
- Factor assays
- Fibrinogen
- Heparin
- Heparin-induced thrombocytopenia
- INR
- Protein C
- Protein S

## HEMATOLOGY

- Auto/Manual WBC differential
- Body fluid cell count
- Cell identification / morphology
- Erythrocyte count / Leukocyte count
- Hematocrit (automated)
- Hemoglobin
- Hemoglobinopathy testing\*
- Platelet count
- Reticulocyte count (automated)

## TRANSFUSION MEDICINE

- ABO grouping
- Antibody identification
- Compatibility testing
- DAT
- Rh (D) typing
- Unexpected antibody detection

## SEROLOGY/IMMUNOLOGY

- Alpha 1-antitrypsin
- Alpha-fetoprotein (AFP)
- Anti-streptolysin O, (ASO) quantitative
- Autoimmune profile\*
- Complement C3
- Complement C4
- IgA
- IgD
- IgE
- IgE – allergen specific
- IgG
- IgM
- Kappa/lambda light chains
- Rheumatoid factor

## ANATOMICAL PATHOLOGY

All Class II Immunohistochemistry (IHC) testing

## CYTOGENETICS

Cytogenetics proficiency testing enrolment is required for all types of services offered

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