

TESTS INCLUDED IN PANELS

CHEMISTRY:

Comprehensive Metabolic (LAB17)

Albumin
 Alk Phos
 Bilirubin, Total
 BUN
 Calcium
 Chloride
 CO2
 Creatinine
 Glucose
 Potassium
 Protein, Total
 Sodium
 ALT
 AST

Electrolyte (LAB16)

Sodium
 Potassium
 Chloride
 Carbon Dioxide
 Anion Gap

HEMATOLOGY:

Heme Profile (LAB294)

White Blood Cell Count
 Red Blood Cell Count
 Hemoglobin
 Hematocrit
 Platelet Count
 Mean Corpuscular Volume
 Mean Corpuscular Hemoglobin
 Mean Corpuscular Hemoglobin Concentration
 Red Cell Distribution Width (RDW)

Heme Profile w/ Auto Diff (LAB1748)

Heme Profile
 Automated Differential

URINALYSIS:

Macroscopic (LAB21012 or LAB21015)

Color
 Appearance
 pH
 Specific Gravity
 Glucose
 Protein
 Bilirubin
 Blood
 Nitrate
 Urobilinogen
 Ketone
 Leukocytes

Microscopic (LAB21017)

White Blood Cells
 Red Blood Cells
 Bacteria
 Squamous Epithelium
 Mucus
 Casts

REFLEXIVE TESTING

Chemistry

- When a LAB3889 is ordered, a Free T4 (LAB127) will be performed and billed if the TSH is abnormally high, and a Free T4 and a Total T3 (LAB136) will be performed and billed if the TSH is abnormally low. If a Free T4 or a Total T3 is desired regardless of the reflexive algorithm, circle them separately on front of this form.
- The clinical laboratory will automatically calculate and report glomerular filtration rate (GFR) on all adult out-patients with a serum creatinine, at no charge.
- When % Iron Saturation (LAB3799) is ordered, a Total Iron and TIBC will be performed and billed.
- LAB3802 includes a measured total cholesterol, triglyceride and HDL-C and calculated LDL-C, when TRIG <400 mg/dl. If the TRIG is \geq 400 mg/dl, a measured LDL-C is reflexively ordered, tested and billed.

Hematology

- A manual differential is performed when the patient is less than 1 month old.
- A manual differential is performed when the sample fails the following algorithm:

DIFFERENTIAL RULES

	Hemogram	Differential	
All neonates			
WBC	< 2.0 and > 30.0 x 10 ³ /μL	Basophils	> 5%

WBC Flags

All WBC Flags require a slide review or differential. These include:

LS
 IG
 Blast
 Atypical/Variant Lymph
 NRBC flag

SLIDE REVIEW

RBC IP Messages	PLT Flags (Always Slide Review + Edit)
MCV < 65 or > 110 fL (Microcytosis or Macrocytosis)	PLT < 100 x 10 ³ /μL, if no previous slide review (Thrombocytopenia)
Hgb < 7 g/dl (Anemia)	PLT > 1000 x 10 ³ /μL (Thrombocytosis)
RDW-SD > 65 fL (Anisocytosis)	PLT Abn. dist. or scattergram flag
Any RBC flag (abn. dist., dimorphic pop. agglut, etc.)	PLT clump flag
MCHC <30	

- If a "Differential Only" is ordered (must write in under Other Testing), an automated differential will be performed. A WBC will also be ordered and billed.
- When an Absolute Neutrophil Count is ordered, a WBC and Differential will be performed and billed.

Urines

- A urine sediment examination is performed and billed when RTUA (LAB21012) is ordered and the sample is cloudy or an abnormality is detected.
- When a Routine Urinalysis & Culture if Positive (LAB21014) is ordered, a urine culture will be performed and CPT #87086 will be billed. If two out of three are present: positive nitrites, positive leukocyte esterase and/or greater than ten WBC/hpf seen on the microscopic AND there are less than six squamous epithelial cells/hpf.
- When a Microalbumin (LAB21036) is ordered, a Random Urine Creatinine (LAB384) will be performed and billed..

Microbiology

The following protocols have been established as standard practices in The Mary Imogene Bassett Hospital Microbiology Laboratory. They are based on standard Microbiology reference books (references available upon request) and have been reviewed by the Microbiology Advisory Committee.

If a provider does not want any of the reflexive tests performed, use Laboratory Test Request Form #4 and indicate so in the Special Requests Box.

- Organism identification and susceptibility studies are performed as appropriate, according to established protocols that have been approved by the Clinical Laboratory Director. Call Microbiology for details, 547-3707.
- When a Rapid Beta Strep (LAB885) is ordered and the results are negative, a culture is done and billed to confirm the negative (LAB2110).
- When an Ova and Parasite-Stool (LAB258) is ordered, the sample will be tested and billed for Cryptosporidium (LAB258) and Giardia Antigen (LAB259)

Serology

- When an Antinuclear Antibody (LAB147) is ordered and the screen is positive, a titer is performed and billed.
- When an RPR (LAB494) is ordered and the screen is positive, a titer and a Treponema Antibody (LAB3599) will be performed and billed.

When a Lyme IgG/IgM (LAB788) is ordered, and is positive, it will be automatically reflexed to a Lyme Western Blot (LAB860), and billed

QUICK REFERENCE CHART FOR STOOL COLLECTION CONTAINERS

Test	Container:
Clostridium difficile toxin (LAB257)	1 gray stool container or sterile specimen cup or ETM modified Carey-Blair
Cryptosporidium (LAB258)	1 O&P collection vial (Protifix) (clear cap) or 1 stool culture collection vial (ETM) (Red cap)
Giardia antigen (LAB259)	1 O&P collection vial (Protifix) (clear cap) or 1 stool culture collection vial (ETM) (Red cap)
Ova & Parasite (LAB258)	1 O&P collection vial (Protifix) (clear cap)
Stool Culture (LAB223)	1 stool culture collection vial (ETM) (Red cap)
Stool for WBC (LAB21010)	1 sterile cup or gray container

CONSULT LABORATORY MANUAL ON BASSETT INTRANET FOR PROPER COLLECTION PROCEDURES.

