

Reflex testing

The following tests are automatically performed and an additional fee is assessed when the described criteria is met:

| Results that Trigger Reflex Order | Reflex Test Added |
|---|---|
| ANA screen is positive for any pattern except centromere pattern | ANA titer |
| ANA screen is positive for solid pattern | Anti-ds DNA antibody and ANA titer & pattern |
| ANA is positive for solid pattern and Connective Tissue Disease Cascade is ordered. | Anti-ds DNA antibody, ANA titer & pattern, ENA Screen, and Ribosome P Ab, IgG |
| Antibody Screen is positive | Antibody identification, antigen typing, antibody titer when indicated. |
| Anti-ds DNA antibody is positive | Anti-DNA antibody titer |
| Bilirubin, total is >1.1 mg/dL | Bilirubin, direct |
| <i>Chlamydia trachomatis</i> by nucleic acid amplification is positive | <i>Chlamydia</i> confirmatory DNA amplification |
| <i>Cryptococcus</i> antigen is positive | <i>Cryptococcus</i> antigen titer |
| Culture is positive for pathogen(s) or for organism(s) with clinically significant concentration | Susceptibility, identification and/or typing as necessary |
| Extractable Nuclear Antigen (ENA) Screen is positive | Extractable Nuclear Antigen (ENA) Ab |
| Glucose, point-of-care (fingerstick) on a Munson Medical Center inpatient is <30 mg/dL or >500 mg/dL | Glucose, random, serum or plasma |
| Hepatitis B surface antigen is positive | Hepatitis B surface antigen confirmation (charge only, no report) |
| Hepatitis C (HCV) antibody is weakly positive | Hepatitis C Virus (HCV) RNA Detection and Quantitation by Real-Time Reverse Transcriptase-PCR (RT-PCR), Serum (Mayo test HCVQU, Munson code M83142) |
| HIV-1 and HIV-2 Antigen and Antibody is positive | HIV-1 and HIV-2 Antibody Differentiation, Serum (Mayo test HIVDI, Munson code MHIVDI) |
| IgA, total is <7 mg/dL and Celiac Disease Serology Cascade or Comprehensive Cascade is ordered | Tissue Transglutaminase Ab, IgG and Gliadin (Deamidated) Ab, IgG |
| IgA, total is >7 mg/dL but below age-specific cut off and Celiac Disease Serology Cascade or Comprehensive Cascade is ordered | Tissue Transglutaminase Ab, IgGA & IgG and Gliadin (Deamidated) Ab, IgA & IgG |
| <i>Legionella</i> DFA/culture is positive | <i>Legionella</i> confirmatory stain |
| <i>Neisseria gonorrhoeae</i> by nucleic acid amplification is positive | <i>Neisseria gonorrhoeae</i> confirmatory DNA amplification |
| Pertussis culture is positive | Pertussis confirmatory stain |
| Platelet Count, automated is <100 K/ μ L at Munson Medical Center Laboratories or is <50 K/ μ L at all other Munson Healthcare Laboratories | Platelet estimate (no charge) |
| Rheumatoid arthritis (RA) screen is positive | RA titer |
| Rh-IG evaluation, postpartum, fetal screen is positive | Fetal hemoglobin (Kleihauer) |
| Strep screen is negative | Strep culture |
| Syphilis serology is positive | Syphilis confirmation & titer to MDCH (no charge) |
| Thyroid function cascade is ordered and TSH result is <0.29 mIU/L or >5.1 mIU/L | Free T4 |
| Thyroid function cascade is ordered and TSH result >5.1 mIU/L | Thyropoxidase (TPO) antibody |
| Tissue Transglutaminase Ab, IgA is weak positive and Celiac Disease Serology Cascade or Comprehensive Cascade is ordered | Endomysial Antibodies, IgA and Gliadin (Deamidated) Ab, IgA |
| <i>Trichomonas vaginalis</i> by nucleic acid amplification is positive | <i>Trichomonas vaginalis</i> confirmatory DNA amplification |

Reflex testing, continued

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| Results that Trigger Reflex Order | Reflex Test Added |
|---|--------------------------|
| Urinalysis is ordered and patient is <2 years of age | Reducing substances |
| Urinalysis result is positive for any 1 or more of the following: protein, glucose, bilirubin, urobilinogen, nitrites, and leukocyte esterase | Urinalysis, microscopic |
| Urinalysis, protein result is positive and non-squamous epithelial cells >5/hpf | Fat, urine |
| Urinalysis and culture (if indicated) is ordered and 2 of these 3 criteria are met: <ul style="list-style-type: none">• positive leukocyte esterase• positive nitrite• ≥ 10 WBC/hpf Culture will not be performed if ≥ 10 squamous epithelial cells/hpf. | Culture, urine |

Last updated 3/27/18