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| Reflex Test List- St Joseph Hospital Laboratory | | | | |
| Department | Ordered Test | Condition | | Reflex Test Performed and Billed |
| Blood Bank | Antibody Screen | Antibody positive | | Antibody identification and autocontrol  If autocontrol positive, reflexes to a DAT  If antibody ID’d, antigen testing may be performed |
| Direct antiglobulin test (DAT) | Polyspecific DAT positive | | IgG DAT  Complement sent to Quest |
| ABORH | If D is ≤1+ or history is discrepant | | Weak D |
| Serology | RPR Screen | Reactive | | Sent to State Lab for Confirmation |
| RA | Positive | | RF, Quantitative performed by Mayo |
| Hematology | Urinalysis w/ Reflex,  Urinalysis | Blood | >Trace | Urine microscopic |
| Nitrite | Positive |
| Leukocyte Esterase | ≥Trace |
| Protein | >Trace |
| Urinalysis w/ Reflex | Nitrite | Positive | Urine culture |
| Leukocyte Esterase | >Trace |
| WBC/hpf | >5/hpf |
| CBC with Differential | Instrument flag[[1]](#footnote-1) | | Manual WBC Differential and/or peripheral smear review by technologist |
| CBC with Differential | Abnormal results[[2]](#footnote-2) | | Peripheral smear review by pathologist |
| Smear Review by Pathologist | Normal CBC[[3]](#footnote-3) | | Smear review not performed and credited |
| Body Fluid Differential | All fluids except synovial and CSF | | Smear review by pathologist |
| Anemia Protocol | Hemoglobin 10.0-12.0 g/dL | | Order Retic, Iron Panel, and Ferritin |
| Chemistry | Calculated LDL Cholesterol | Triglyceride >400mg/dL | | Direct LDL Cholesterol |
| Potassium w/ reflex, CMP w/ reflex, BMP w/ reflex | Potassium ≤ 3.5 mmol/L | | Magnesium |
| TSH Cascade | TSH abnormal | | Free T4  If Free T4 normal and TSH <0.1, order Total T3 |
| Lactic Acid w/ reflex | Lactic Acid ≥ 2.0 | | Order lactic acid 2 hours after previous collection for a total of 3 in series |
| Microbiology | Culture | Pathogen isolated | | Identification and sensitivity (CPT codes vary depending on testing and sensitivity performed) |
| Culture (sterile site) | Fungal isolate | | Fungal culture to Mayo |
| Streptococcus isolate | | Send to St. Mary’s Lab for identification and sensitivity |
| C Diff PCR | Positive | | C Diff Toxin and Antigen |

1. Failure of instrument to produce reliable WBC differential results and generates flag. Laboratory policy dictates which flags reflex to manual WBC differential. [↑](#footnote-ref-1)
2. Laboratory follows Dahl-Chase Pathology guidelines for pathology smear referral. Guidelines available upon request [↑](#footnote-ref-2)
3. Laboratory follows Dahl-Chase Pathology guidelines for canceling provider requested pathology smear reviews. Guidelines available upon request [↑](#footnote-ref-3)