

Laboratory Update

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CBC Diagnostic Flowchart (Manual Differential/Path Review Criteria)

1. CBC with Differential (LAB293)

Normal Differential → YES → Verified in Patient Chart

Normal Differential → NO → Manual Smear/Differential Review Performed

- Criteria for Manual Smear Review
- Eosinophils > 10%
- Basophils > 3%
- Monocytes > 20%
- Bands > 20% On Patient <2 Years Old
- Meta > 5% On Patient <2 Years Old
- Sysmex Automated Immature Granulocytes > 15%
- Blasts Any Observed
- nRBCs Present
- An ordered automated differential is unreportable due to analysis error or flagging
- Ordered automated differential results do not agree with smear findings
- Clinically significant findings are not otherwise reportable in automated differential or RBC morphology test groups.

2. Manual Differential Review (LAB6905)

Manual Differential Smear Review → Positive Criteria → NO → Verified in Patient Chart

- Manual Differential Smear Review → Positive Criteria → YES → Path Review Performed
- Criteria for Pathology Smear Review
- Platelet Count: <40,000 or >1,000,000
- Blasts ≥1% (Verified by Two Techs), 1st Time > 20%
- Lymphocytosis ≥5,000 per mm³ (If > 2 Years Old)
- nRBCs ≥ 2% AND Left Shift Flag (If > 2 Years Old)
- Schistocytes/Spherocytes 1+ or Greater
- Rouleaux Observed
- Parasites Observed- Specify Parasite
- Bacteria/Fungi/Yeast Observed

3. Pathologist Review (LAB4879)

