Lab Dept: Hematology
Test Name: DIFFERENTIAL

General Information

Lab Order Codes: ADIF
Synonyms: Differential White Blood Cell (WBC) Count, Blood; Manual Diff; Diff; WBC Differential; Leukocyte Differential Count
CPT Codes: 85007 – Blood count; manual differential WBC count (includes RBC morphology and platelet estimation)
Test Includes: BLAST%, PROMYELO%, MYELO%, META%, PMN%, BAND%, LYMPH%, MONO%, EOS%, BASO%, Absolute Neutrophil Count, RBC Morphology, WBC Morphology, Platelet Morphology and Estimate

Logistics

Test Indications: Useful for determining qualitative and quantitative variations in white cell numbers and morphology, red cell morphology, and platelet evaluation. May be of use in the evaluation of anemia, leukemia, infections, inflammatory states, and inherited disorders of red cells, white cells, and platelets.
Lab Testing Sections: Hematology
Phone Numbers: MIN Lab: 612-813-6280
STP Lab: 651-220-6550
Test Availability: Daily, 24 hours
Turnaround Time: 2 hours
Special Instructions: A WBC count must accompany a differential order.

Specimen

Specimen Type: Whole blood
Container: Lavender (EDTA) top tube or Lavender (EDTA) Microtainer®
Draw Volume: 2 mL blood in a 2 mL Lavender top tube
OR
0.5 mL in a EDTA Microtainer®
### Processed Volume
Same as Draw Volume

### Collection
Fill to mark on tube or Microtainer®. Mix thoroughly by gentle inversion.

### Special Processing
Lab Staff: **Do Not** centrifuge. Process as whole blood.

### Patient Preparation
None

### Sample Rejection
Improper tube; clotted sample; underfilled tube; mislabeled or unlabeled specimens

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**Interpretive**

### Reference Range
Age dependent, Refer to CBC Reference Value Table

### Critical Values
Presence of blasts

### Limitations
Because of sampling, large statistical variation exists, particularly with the 100-cell count manual method and with low incidence cells.

### Methodology
Light Microscopy

### References