


Manual Differential

Order Name: **DF**
Test Number: 0101510
Revision Date: 08/20/2024

| TEST NAME | METHODOLOGY | LOINC CODE |
|---------------------|-------------|------------|
| Manual Differential | Microscopy | |

| SPECIMEN REQUIREMENTS | | | | |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------|-----------------------|
| Specimen | Specimen Volume (min) | Specimen Type | Specimen Container | Transport Environment |
| Preferred | 5 mL (1 mL) | Whole Blood | EDTA (Lavender Top) | Refrigerated |
| Alternate 1 | 1 mL (0.5 mL) | Whole Blood | EDTA (Lavender) Microtainer/Bullet | Refrigerated |
| Alternate 2 | 2 Slides (1 Slide) | Peripheral Blood | Clipped Corner Glass Slides with Holder | Room Temperature |
| Instructions | For best results: If unable to send a fresh EDTA specimen; send fresh, unstained blood smears (made on a 26 x 75mm, white, 45-degree clipped corner slides). Note: We cannot guarantee testing will be performed if smears are submitted on non-clipped corner slides. Reference: Memorandum from Nov. 1, 2023 | | | |

| GENERAL INFORMATION | |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Testing Schedule | See Notes |
| Expected TAT | 1-3 Days |
| Clinical Use | he white blood cell count is useful in the diagnosis and management of infection, inflammatory disorders, hematopoietic malignancies, evaluation of myelopoietic disorders, drug effects, and response to various cytotoxic agents. The differential count is performed to acquire further information concerning the above states and enables one to arrive at values for the absolute value of discreet WBC populations. Absolute values for individual cell populations are obtained from a combination of the WBC count and the % of each cell type from the differential. |
| Notes | Microscopic examination includes enumeration of white blood cell populations and cellular morphology. Testing Schedule: Monday through Friday if clipped corner slides are sent. Monday, Wednesday, and Friday if non-clipped corner slides are sent. |
| CPT Code(s) | 85007 |
| Service Provided By |  labcorp Oklahoma, Inc. |