

# News

## Clinical Laboratory Test Update

### Complete Blood Count (CBC) – UPDATE

Effective August 8, 2017, the UCHealth University of Colorado Hospital Clinical Laboratory will upgrade the analyzers that produce Complete Blood Count results.

Reference ranges for Complete Blood Count parameters will remain the same.

### Citrated Platelet – Update

Effective August 8, 2017, Citrated Platelet results will have the following comment appended: "Additional validation studies in progress, interpret results with caution."

### Complete Blood Count components – Discontinued

Effective August 8, 2017, The following CBC components will no longer be reported:

- Mean Platelet Volume (MPV)
- Red Blood Cell Distribution Width – SD (RDW-SD)

### Immature Platelet Fraction – NEW TEST

### RBC Morphology – NEW TEST

The following tests will be introduced on August 8, 2017:

Immature Platelet Fraction (IPF) - Reticulated platelets are a surrogate marker for megakaryocytic activity. In the setting of thrombocytopenia, these results can help distinguish between enhanced peripheral destruction of platelets (e.g., idiopathic thrombocytopenic purpura/immune

thrombocytopenia) and decreased production of platelets due to bone marrow failure syndromes.

RBC Morphology - This test performs a visual evaluation of the peripheral smear exclusively for the evaluation of red blood cell (RBC) shape and size, and reports the presence or absence of morphologic abnormalities among the RBCs (e.g., schistocytes). This test does *not* include a cellular differential or pathologist review of the peripheral smear.

Test	CPT Code	Epic Test Code	Reference Range	Sample Type	Sample Stability
Immature Platelet Fraction (IPF)	85055	LAB1007	1.1 – 6.6 %	4.0mL Purple Top (EDTA whole blood)	Ambient: 24 hours Refrigerated: 36 hours
RBC Morphology (Smear Review)	85008	LAB7011	Normal	4.0mL Purple Top (EDTA whole blood)	Ambient: 8 hours Refrigerated: 36 hours

Please call Dr. Julie Rosser, DO at 720-848-1551 if you have any questions or visit our website at <https://www.uchealth.org/professionals/uch-clinical-laboratory/> for additional information.

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