

Immature Platelet Fraction, Blood

Test ID: IMPLF

Useful for:

Assessing thrombopoietic activity with increased values observed when bone marrow is stimulated to produce platelets

Differentiating causes of thrombocytopenia

Predicting platelet recovery in patients undergoing treatments that affect platelet counts, such as chemotherapy

Method:

Flow Cytometry

Reference Values:

1.1-8.6%

Specimen Requirements:

Container/Tube: Lavender top (EDTA)

Specimen Volume: 3 mL

Collection Instructions: Send whole blood specimen in original tube. **Do not aliquot.**

Minimum Volume: 0.5 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Whole Blood EDTA	Refrigerated (preferred)	48 hours
	Ambient	24 hours

Cautions:

Transfusions have been shown to lower immature platelet fraction percentage, either as a result of suppression of thrombopoiesis (negative feedback on thrombopoietin), due to dilution, or both.

CPT Code:

85055

Day(s) Performed: Monday through Sunday

Report Available: Same day/1 day

Questions

Contact Nancy Benson, Laboratory Resource Coordinator at 800-533-1710.