

## ☒NEW TEST ☒TEST CHANGE

NOTIFICATION DATE: 12/04/2025

EFFECTIVE DATE: Immediate

### Immature Platelet Fraction (IPF) Percent and Absolute (IPF % and #)

On the effective date, Northwell Health Laboratories is introducing a new test, Immature Platelet Fraction (IPF) Percent and Absolute. This test will provide clinicians with a more dynamic assessment of platelet production, aiding in the diagnosis and management of various platelet disorders, including unexplained thrombocytopenia, and monitoring treatment response. IPF % and # will be reported alongside the standard complete blood count (CBC) when platelet count less than 100K/ul.

Immature Platelet Fraction (IPF) measures the percentage (IPF %) and absolute count (IPF #) of newly produced, young platelets in peripheral blood. These platelets are typically larger and contain more RNA than mature platelets. IPF is a valuable marker for assessing the rate of platelet production by the bone marrow and for differentiating between causes of thrombocytopenia (low platelet count). High IPF values often indicate increased platelet production, such as in immune thrombocytopenia (ITP) or following bone marrow recovery, while low values may suggest bone marrow suppression or failure.

Test Requirement/Parameters	Immature Platelet Fraction New
Method:	Sysmex XN series
Specimen Requirements:	Blood
Submission Container/Tube:	1 Lavender top (EDTA) tube
Specimen Volume/Minimum Volume:	3ml
Collection Instructions:	Tube must be more than half full for proper anticoagulant ratio. For pediatrics, draw blood in a MICROTAINER®. Do not draw a small volume into a standard VACUTAINER®.
Specimen Stability:	24 hours Room Temperature ( 8 Hours Room Temperature for Northwell RRL Labs)
Reference Range:	<b>IPF% (Immature Platelet Fraction %):</b> 0 Minutes-180 Days    Male    2.0-6.8 % Female 1.3-6.8 % 180 Days-2 Years    Male    1.4-3.8 % Female 1.4-4.5 % 2 Years-6 Years    Male    1.1-3.6 % Female 1.0-3.6 % 6 Years-12 Years    Male    1.0-4.9 % Female 1.0-4.7 % 12 Years-18 Years    Male    1.6-6.1 % Female 1.4-6.4 % 18 Years-150 Years    Male    1.6-7.1 % Female 1.6-4.9 %

If you have any questions, please contact Client Services at (800) 472-5757.

<b>Reference Range continued:</b>	<b>IPF # (Immature Platelet Fraction #):</b> 0 Minutes-180 Days    Male    5.4-22.1 K/uL Female 6.5-28.7 K/uL 180 Days-2 Years        Male    4.8-14.7 K/uL Female 2.0-14.5 K/uL 2 Years-6 Years         Male    3.4-10.7 K/uL Female 2.7-14.8 K/uL 6 Years-12 Years        Male    3.5-14.0 K/uL Female 2.1-11.6 K/uL 12 Years-18 Years       Male    4.6-13.6 K/uL Female 5.1-14.3 K/uL 18 Years-150 Years     Male    3.9-12.5 K/uL Female 4.7-11.1 K/uL
<b>Computer Interface Code</b>	<b>PDM# 5500294 or 5500290</b>
<b>Test Order:</b>	<b>CBC or CBC/D</b>



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