

DATE:	28 September 2026
TO:	All Healthcare Providers
FROM:	Hematology, Alberta Precision Laboratories (APL)
RE:	New Reportable Parameters

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Key Message

- Effective 01 October 2026 new reportable parameters will be added CBC/CBCD and Retic.
 - Mean corpuscular hemoglobin (MCH pg) - Reference range Adults ≥ 26 pg
 - Mean Platelet Volume (MPV fL) - Reference range Adults 8-12 fL
 - Immature Platelet Fraction (IPF %) where applicable - Reference range 1.1 – 6.1% (1)
 - Reticulocyte Hemoglobin Equivalent (RET-He pg) - Reference range Adults 30.0-37.6 (2)
 - Immature Reticulocyte Fraction (IRF %) - Reference range Adults 1.6- 12.1 % (2)
 - Br J Haematol. 2004Jul; 126(1):93-9
 - Clin Chim Acta. 2020 May; 504:138-145

Background

- Laboratory Services have expanded the CBC/CBCD and Reticulocyte results to include MCH, MPV, IPF (will be reported when applicable based on current platelet reporting criteria and analyzer capability), RET-He, and IRF.
- This applies at sites with Sysmex Hematology analyzers

How this will impact you

- CBC/CBCD reports will now include MCH, MPV, IPF
- Retic reports will now include Ret-He, and IRF.

Action Required

- Use new reference range to interpret patient results. Laboratory reports will reflect these changes.

Effective **01 October 2026**

Questions Concerns / Approved by

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