

DATE:	22 June 2026
TO:	Healthcare Providers in Central Zone
FROM:	Hematology, Alberta Precision Laboratories (APL)
RE:	New Hematology Analyzers –Central Zone- Sysmex XN530

PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

Key Message

- Effective the week of June 22, 2026 Alberta Precision Labs will implement new hematology analyzers across 9 rural hospitals in the Central Zone.
 - Sites changing to the new analyzer: Tofield, Daysland, Hardisty, Provost, Killam, Viking, Sylvan Lake, Sundre, Our Lady of the Rosary.
- Automated differential will change from a five-part differential to a six-part differential. There will be a new reportable parameter for Immature Granulocytes.
 - Immature Granulocytes are an automated (analyzer counted) equivalent to manual (human counted) Myeloid Precursors (promyelocytes, myelocytes and metamyelocytes). Because Immature Granulocytes and Myeloid Precursors are derived by different methods, they do not always agree.
 - Sysmex white paper on Immature Granulocytes will be available at your local laboratory. Clinicians are invited to read article titled: “The Value-Driven Laboratory; The new business model for expanded hematology parameters – Immature Granulocytes (IG)”

How this will impact you

- Automated differential will change from a five-part differential to a six-part differential.

Action Required

- Laboratory reports will reflect these changes.

Effective 22 June 2026

Questions/Concerns

- Dr. Andrew Brack, General Pathologist, Central Zone, APL andrew.brack@aplabs.ca
- Anika DeWolf, Consultant Technologist, Central Zone, APL anika.dewolf@aplabs.ca
- Candace Heather, Discipline Lead Hematopathology, Alberta Precision Labs, candace.heather@aplabs.ca

Approved by

- Dr. Artur Szkotak, Associate Section Chief for Hematopathology (North), Alberta Precision Labs, artur.szkotak@aplabs.ca
- Dr. Tariq Roshan, Section Chief for Hematopathology (South), Alberta Precision Labs, tariq.roshan@aplabs.ca