



Date: May 19, 2020
To: Brooks Health Centre Physicians and Nursing; Brooks Health Centre Laboratory Staff
From: Alberta Precision Laboratories – Brooks Health Centre
Re: New Hematology Analyzer – XN 550

PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

Key Message:

Effective May 6, 2020 the Brooks Laboratory will implement a new hematology analyzer. Please note the following changes:

- Automated differential will change from a five part diff to a six part diff
- New reference range for absolute Immature Granulocytes of $<1.0 \times 10^6/L$. Remaining CBC parameter reference ranges will remain unchanged.
- Reduced actual sample volume for pediatric patients from 185uL to 25uL.

Why this is important:

- Laboratory Services are striving to provide new Hematology Instruments to promote timely delivery of accurate results.

Action Required:

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

Inquiries and feedback may be directed to:

- Laura Cartmell, South Sector Area 4 Rural Manager, 403-388-6287
- Shannon Brost, Community Support Technologist III, 403-502-8648 ext. 1839

This bulletin has been reviewed and approved by:

Dr. Julio Silva, Regional Laboratory Medicine Site Chief, Medicine Hat Regional Hospital
Keith Kirkland, South Sector Rural Laboratory Director