



Date: July 13, 2020
To: North Zone Physicians, Nursing Staff, Laboratory Staff (*former Aspen area*)
From: Dr. Kaila Crawford, Alberta Precision Laboratories (APL)
Dr. Mireille Kattar, Alberta Precision Laboratories (APL)
Re: Urinalysis Reporting Standardization

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Key Message:

- With Connect Care implementation, urinalysis reporting is being provincially standardized to report in SI units. Numeric results will now be reported for macroscopic (dipstick) results instead of the 1+/2+/3+ reporting scheme previously used in the former North Zone Aspen Meditech area. These changes will take effect Wednesday, July 29, 2020.

Why this is important:

- All urinalysis instruments, including both laboratory and point of care (e.g. nursing) units, will now report urinalysis results in SI units. This is a change for all former Aspen region sites (see table below).

Action Required:

- Be familiar with the new reporting units for urinalysis, and refer to the table below for conversion between the old and new reporting units.

Inquiries and feedback may be directed to:

- Dr. Kaila Crawford, General Pathology Section Chief, North Sector, Alberta Precision Laboratories (APL), Kaila.Crawford@albertaprecisionlabs.ca
- Dr. Mireille Kattar, Consulting Pathologist, Alberta Precision Laboratories (APL), Mireille.Kattar@albertaprecisionlabs.ca

This bulletin has been reviewed and approved by:

- Dr. Kaila Crawford, General Pathology Section Chief, North Sector, Alberta Precision Laboratories (APL)



	North Zone former Aspen Meditech Reporting Scheme	Connect Care Provincially Standardized Reporting	
Performing Locations	Athabasca Bonnyville Boyle Barrhead Cold Lake Edson Elk Point Hinton Jasper Lac La Biche Mayerthorpe Slave Lake Smoky Lake St. Paul Swan Hills Vilna Wabasca Whitecourt Westlock	Athabasca Bonnyville Boyle Barrhead Cold Lake Edson Elk Point Hinton Jasper Lac La Biche Mayerthorpe Slave Lake Smoky Lake St. Paul Swan Hills Vilna Wabasca Whitecourt Westlock	
Clinitek Status & Advantus	North Zone former Aspen Meditech Reporting Scheme "OLD"	Provincially Standardized Reporting Scheme "NEW"	Reference Interval
Glucose	Negative Trace 1+ 2+ 3+	Negative 5.5 mmol/L 14 mmol/L 28 mmol/L ≥ 55 mmol/L	Negative
Ketones	Negative Trace 1+ 2+ 3+	Negative Trace 1.5 mmol/L 3.9 mmol/L ≥ 7.8 mmol/L	Negative
Protein	Negative Trace 1+ 2+ 3+	Negative Trace 0.3 g/L 1.0 g/L ≥ 3.0 g/L	Negative
Leukocyte Esterase	Negative Trace 1+ 2+ 3+	Negative 15 Leu/μL 70 Leu/μL 125 Leu/μL 500 Leu/μL	Negative
Blood	Negative Trace Trace 1+ 2+ 3+	Negative Trace-Lysed Trace-Intact 25 Ery/μL 80 Ery/μL 200 Ery/μL	Negative
Nitrate	Negative Positive	Negative Positive	Negative

Not Applicable: Indicates this value is not a reporting option by the analyzer/dipstick.