



February 2016

CHANGES TO ONTARIO URINALYSIS TESTING AND REPORTING

Effective February 22, 2016, Dynacare will be introducing an updated testing platform for chemical urinalysis testing. The changes between the current and the updated platform are summarized in the table below.

Please note the change in reference range for protein, the differences in reporting of 'trace' for ketones and protein, and the two additional reporting parameters, colour and appearance.

Analyte	Current Instrument (Siemens Clinitek Atlas)	New Instrument (Siemens Clinitek Novus)	Units	Reference Range
Glucose	NEG	NEG	mmol/L	NEGATIVE
	5.5	5.5		
	14	14		
	28	28		
	> 55 or >= 55	>=55		
Bilirubin	NEG	NEG	N/A	NEGATIVE
	SMALL	SMALL		
	MOD	MODERATE		
	LARGE	LARGE		
Ketones	NEG	NEG	mmol/L	NEGATIVE
	0.5 or TRACE	TRACE		
	1.5	1.5		
	3.9	3.9		
	>=7.8	7.8		
	>7.8	> 7.8		
Specific Gravity (S.G.)	1.000 or <1.001 to > 1.045 in 0.001 increments	1.000 to > 1.045 in 0.001 increments	N/A	1.005 - 1.030
Blood	NEG	NEG	N/A	NEGATIVE
	TRACE	TRACE		
	SMALL	SMALL		
	MOD	MODERATE		
	LARGE	LARGE		
pH	5.0	5.0	N/A	5.0 - 8.0
	5.5	5.5		
	6.0	6.0		
	6.5	6.5		
	7.0	7.0		
	7.5	7.5		
	8.0	8.0		
	8.5	8.5		
	Not reported or >= 9.0	>=9.0		



Partner Update

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Protein	NEG	NEG	g/L	NEGATIVE (previously < 0.3)
	< 0.3 or NEG	TRACE		
	0.3	0.3		
	1.0	1.0		
	>=3.0	3.0		
	>3.0	> 3.0		
Urobilinogen (UBG)	3.2	3.2	umol/L	3.2 - 16
	16	16		
	33	33		
	66	66		
	>131 or >=131	>=131		
Nitrite	NEG	NEG	N/A	NEGATIVE
	POS	POSITIVE		
Leukocytes	NEG	NEG	N/A	NEGATIVE
	TRACE	TRACE		
	SMALL	SMALL		
	MOD	MODERATE		
	LARGE	LARGE		
Colour	Not reported	YELLOW	N/A	YELLOW
	Not reported	ORANGE		
	Not reported	RED		
	Not reported	GREEN		
Appearance	Not reported	CLEAR	N/A	CLEAR
	Not reported	CLOUDY		
	Not reported	TURBID		
	Not reported	SL. HAZY		

If you have questions or concerns regarding this notice, please contact:

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