

Provincial Laboratory Services



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New Coagulation Reference Ranges at Prince County Hospital

June 29, 2020

This information applies to: Island Physicians, Nurse Practitioners and PCH Nurse Educators

Effective July 8, 2020, Prince County Hospital in will be bringing new coagulation instruments online.

As a result, the ADULT reference (normal) ranges for coagulation tests performed at this site will be changing.

Instrument	TEST	OLD REFERENCE RANGE	NEW REFERENCE RANGE
CS-2500	PT	10.8 – 13.4 seconds	10.3 – 12.6 seconds
	PTT	21.1 – 29.7 seconds	19.7 – 28.5 seconds
	D-Dimer	<580 mcg/L (FEUs)*	<580 mcg/L (FEUs)*
	Fibrinogen	1.63 – 4.03 g/L	1.63 – 4.00 g/L
CA-600	PT	10.1 – 12.9 seconds	9.7 – 11.9 seconds
	PTT	20.9 – 28.9 seconds	19.7 – 28.5 seconds
	D-Dimer	<550 mcg/L (FEUs)*	<580 mcg/L (FEUs)*
	Fibrinogen	1.50 – 3.50 g/L	1.90 – 4.00 g/L

When reviewing your coagulation test results, please note the new reference ranges that are provided with each test.

*Please note that the D-dimer reference range reflects the range of results expected in a normal population, and is NOT the same as the “cut-off” value used to rule out DVT under specific circumstances (this “cut-off” value is reported along with the patient result).

For more information, contact:

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