



August 8, 2016

## Change for Serum Progesterone Testing

Effective September 6, 2016, Dynacare will perform serum progesterone testing using a reformulated assay. The new formula utilizes a recombinant monoclonal sheep antibody instead of a mouse monoclonal one. With higher specificity to progesterone and minimized interferences, the new test has good comparability with the reference methodology ID-GC/MS and improved robustness across the measuring range, enabling improved clinical decision making.

Please note that this is accompanied by a change in reference ranges, as described in the table below. The applicability of the revised reference ranges to a Canadian patient population has been verified by Dynacare. As a result of improved specificity, samples tested on the new formulation will give lower results: ~1 nmol/L lower for results <10 nmol/L, and ~10% lower, on average, for results >10 nmol/L.

Serum Progesterone Reference Ranges (nmol/L)			
Gender	Age/Ovulatory status	Current	New
Male	1–12 years	< 1.2	< 1.0
	>= 13 years	0.7 - 4.3	< 0.7
Female	1–12 years	< 1.9	< 1.2
	>= 13 years		
	Follicular:	0.6 - 4.7	< 3.7
	Ovulatory:	2.4 - 9.4	< 57.2
	Luteal:	5.3 - 86.0	3.4 - 83.6
	Post-menopausal:	0.3 - 2.5	< 0.7

If you have any questions or require further information, please contact:

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