



Dr Sophia Otto

7 July 2022

Change in Instrument and Test Kit Reference Ranges

From Thursday 7 July, SA Pathology will implement a change in instrument from SPAPlus to Optilite, resulting in a slight change in reference ranges for tests listed below:

		Current Instrument SPAPlus	New Instrument Optilite
Test Kit Method		Turbidimetric	Turbidimetric
Reference Ranges	Free Kappa Light Chain	3.00 – 19.00 mg/L	3.30 – 19.40 mg/L
	Free lambda Light Chain	6.00 – 26.00 mg/L	5.71 – 26.30 mg/L
	C1 Esterase Inhibitor Quantitation	0.22 – 0.38 g/L	0.21 – 0.38 g/L
	CSF IgG	0.010 – 0.030 g/L	<=0.033 g/L
	CSF Albumin	0.10 – 0.25 g/L	<=0.34 g/L
	IgG Subclasses	No Change	No Change

The changes are in line with manufacturer's reference ranges listed for each test kit performed on Optilite instrument.

For further information, please contact either –

Tony Nikoloutsopoulos, Directorate Manager Immunology, 0416 040 558, or

Dr Phillippa Pucar, Acting Clinical Director Immunology, 0407 424 666.

Regards,

Dr Sophia Otto

Clinical Service Director

SA Pathology

www.sapathology.sa.gov.au



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