

Chemistry Testing Update

Effective December 24, 2019

HEAVY AND LIGHT CHAIN TESTING—IgA, IgG, & IgM UPDATE

Effective **DECEMBER 24, 2019**, Wisconsin Diagnostic Laboratories (WDL) will transition testing of **Heavy and Light Chains for IgA, IgG, and IgM** to a new analyzer.

This transition was necessary due to a change in production by Binding Site, the sole manufacturer of the “HevyLite” assay and associated analyzer.

During the method comparison studies, it was observed that the **kappa to lambda ratio for IgA and IgM was significantly increased in approximately 10% of samples**. Should significant differences occur for your patients, clinical correlation and repeat testing to confirm the result is recommended.

Further, minor updates were made to the reference intervals for this testing, as presented below. The reference intervals for our backup reference laboratory are also included for your reference. Should a situation arise where samples need to be sent out for testing, the slight differences in reference intervals between WDL and our reference laboratory would not be expected to impact patient care.

Analyte	WDL Current RI		WDL New RI		Reference Lab RI	
	Lower Limit	Upper Limit	Lower Limit	Upper Limit	Lower Limit	Upper Limit
IgA Kappa	0.48	2.82	0.48	2.82	0.48	2.82
IgA Lambda	0.36	1.98	0.36	1.98	0.36	1.98
IgA K/L ratio	0.8	2.04	0.62	2.04	0.8	2.04
IgG Kappa	3.84	12.07	3.08	10.52	4.03	9.78
IgG Lambda	1.97	5.71	1.97	5.71	1.97	5.71
IgG K/L ratio	0.98	2.75	0.98	2.75	0.98	2.75
IgM Kappa	0.22	1.61	0.29	1.82	0.29	1.82
IgM Lambda	0.17	0.94	0.17	0.94	0.17	0.94
IgM K/L ratio	0.79	2.30	0.69	1.83	0.96	2.3

RI = reference interval

FOR QUESTIONS OR ADDITIONAL INFORMATION, PLEASE CONTACT:

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