



REFERENCE RANGE UPDATE CBC, Differential, and Reticulocyte

Lorne Holland, MD, Lab Director
Jeff Johnson, AVP of Operations

This change will take effect **December 27, 2011**

OVERVIEW AND CLINICAL UTILITY:

PathGroup has brought in new Hematology instrumentation and performed a reference interval study. As a result of that study, the Adult Reference Ranges for parameters of the CBC, Differential, and Reticulocyte counts have been updated. These revised reference ranges will go into effect on Wednesday, December 27, 2011.

ORDERING:

TEST	NEW ADULT REFERENCE RANGE	PREVIOUS ADULT REFERENCE RANGE	REPORTING UNITS
WBC	3.8-12.8	3.9-10.7	K/uL
RBC	Female: 3.7-5.1 Male: 4.2-5.7	Female: 3.9-5.2 Male: 4.4-5.8	M/mm ³
HGB	Female: 12.0-16.0 Male: 14.0-18.0	Female: 12.0-16.0 Male: 14.0-18.0	g/dL
HCT	Female: 35.1-45.7 Male: 40.4-52.4	Female: 37.0-47.0 Male: 42.0-52.0	%
MCV	81.0-102.0	80.0-100.0	fL
MCH	26.9-35.0	26.0-34.0	pg
MCHC	32.4-35.4	31.0-37.0	g/dL
RDW	12.3-15.9	12.1-15.2	%
PLATELET	137-397	150-450	K/mm ³
RETIC	0.5-2.1	0.3-1.3	%
Neutrophil %	41-77	50-70	%
Lymphocyte %	14-48	20-40	%
Monocyte %	4-13	1-9	%
Eosinophil %	1-8	0-5	%
Basophil %	0-1	0-1	%
Neutrophil #	2.0-8.2	2.0-7.5	K/uL
Lymphocyte #	0.9-3.6	0.8-4.3	K/uL
Monocyte #	0.3-1.0	0.0-1.0	K/uL
Eosinophil #	0.0-0.6	0.0-0.5	K/uL
Basophil #	0.0-0.1	0.0-0.1	K/uL

For further questions, please contact Client Services at 615-562-9300 or 1-888-474-5227.