



<b>TITLE:</b> PLM pocH-100i Reference Ranges Job Aid	<b>Doc #:</b> 14209
<b>Section:</b> \\Management System\PLM\Point of Care Testing\CBC Diff\	<b>Version:</b> 1.0 Current
<b>Document Owner:</b> ES Team Lead	<b>Effective Date:</b> 7/8/2013
<b>Final Approval:</b> Irene A Sadek, Dr	

TEST	Units	Sex/AGE	RANGE	CRITICAL
WBC	x 10 <sup>9</sup> /L	0 – 1 wk	9.4 – 26.0	<1.5 & >30.0
		1 wk – 3 mos	5.0 – 18.0	<1.5 & >30.0
		3 mos – 4 yrs	6.0 – 15.0	<1.5 & >30.0
		4 – 8 yrs	5.5 – 13.0	<1.5 & >30.0
		8 – 16 yrs	4.5 – 13.0	<1.5 & >30.0
		16 – 150 yrs	4.5 – 11.0	<1.5 & >30.0
		RBC	X 10 <sup>12</sup> /L	0 – 1 wk
1 – 2 wks	3.90 – 6.30			
2 wks – 1 mos	3.60 – 6.20			
1 – 2 mos	3.00 – 5.40			
2 – 3 mos	2.70 – 4.90			
3 – 6 mos	3.10 – 4.50			
6 mos – 2 yrs	3.70 – 5.30			
2 – 6 yrs	3.90 – 5.30			
6 – 12 yrs	4.00 – 5.20			
Male- 12 – 150 yrs	4.50 – 6.50			
Female- 12 – 150 yrs	3.80 – 5.80			
HGB	g/L			0 – 1 wks
		1 – 2 wks	135 – 215	<70
		2 wks – 1 mos	125 – 205	<70
		1 – 2 mos	100 – 180	<70
		2 – 3 mos	90 – 140	<70
		3 - 6 mos	95 – 135	<70
		6 mos – 2 yrs	105 – 135	<70
		2 – 6 yrs	115 – 145	<70
		6 – 12 yrs	115 – 155	<70
		Male- 12 – 150 yrs	140 – 180	<70
		Female- 12 – 150 yrs	120 – 160	<70
		HCT	Fraction	0 – 1 wks
1 – 2 wks	.420 - .660			
2 wks – 1 mos	.390 - .630			
1 – 2 mos	.310 - .550			
2 – 3 mos	.280 - .420			
3 – 6 mos	.290 - .410			
6 mos – 2 yrs	.330 - .390			
2 – 6 yrs	.340 - .400			
6 – 12 yrs	.350 - .450			
Male- 12 – 150 yrs	.420 - .540			
Female- 12 – 150 yrs	.370 - .470			



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TEST	Units	Sex/AGE	RANGE	CRITICAL
MXD	%	NA	NA	
MXD#	#	NA	NA	
MCV	fL	0 – 1 wks	95.0 – 121.0	
		1 – 2 wks	88.0 – 126.0	
		2 wks – 1 mos	86.0 – 124.0	
		1 – 2 mos	85.0 – 123.0	
		2 – 3 mos	77.0 – 115.0	
		3 – 6 mos	74.0 – 108.0	
		6 mos – 2 yrs	70.0 – 86.0	
		2 – 6 yrs	75.0 – 87.0	
		6 – 12 yrs	77.0 – 95.0	
		12 – 150 yrs	80.0 – 97.0	
MCH	pg	0 – 2 mos	28.0 – 40.0	
		2 – 3 mos	26.0 – 34.0	
		3 – 6 mos	25.0 – 35.0	
		6 mos – 2 yrs	23.0 – 31.0	
		2 – 6 yrs	24.0 – 30.0	
		6 – 12 yrs	25.0 – 33.0	
MCHC	g/L	0 – 1 mos	280 – 360	
		1 – 3 mos	290 – 360	
		3 mos – 2 yrs	300 – 360	
		2 – 12 yrs	310 – 360	
		12 – 150 yrs	320 – 360	
RDW	%	0 – 6 mos	13.5 – 16.0	
		6 mos – 15 yrs	12.7 – 13.4	
		15 – 150 yrs	11.5 – 14.5	
PLT	$\times 10^9/L$	0 – 150 yrs	150 – 350	<30
MPV	fL	Male- 0 – 1 yrs	5.2 – 9.1	
		Female- 0 – 5 yrs	6.0 – 9.4	
		Male- 1 – 5 yrs	5.9 – 9.5	
		Male- 5 – 10 yrs	6.0 – 10.0	
		Female- 5 – 10 yrs	6.1 – 10.3	
		10 – 150 yrs	7.4 - 10.4	
LYMPH %	%	0 – 1 wks	22.0 – 40.0	
		1 – 2 wks	31.0 – 51.0	
		2 wks – 3 mos	38.0 – 58.0	
		3 – 6 mos	49.0 – 69.0	
		6 mos – 2 yrs	51.0 – 71.0	
		2 – 4 yrs	49.0 – 69.0	
		4 – 6 yrs	40.0 – 60.0	
		6 – 8 yrs	32.0 – 52.0	



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TEST	Units	Sex/AGE	RANGE	CRITICAL
		8 – 16 yrs	28.0 – 48.0	
		16 – 150 yrs	15.0 – 41.0	
NEUT %	%	0 – 9 yrs	25.0 – 65.0	
		9 – 150 yrs	45.0 – 70.0	
LYMPH#	#	0 – 150 yrs	1.5 – 4.0	
NEUT#	#	0 – 150 yrs	2.0 – 7.5	

### Referenced to:

Document Name	Document #	Document Location
PLM pocH-100i Operating Procedure	[Paralink:< <a href="#">PLM_pocH-100i_Operating_Procedure</a> >]	Paradigm/ PLM/Point of Care Testing/CBC Diff
PLM pocH-100i Training Script	[Paralink:]	Paradigm/ PLM/Point of Care Testing/CBC Diff