

Sysmex Reference Ranges Preferred Lab Partners

	RBC (x10 ⁶ /mcl)	HGB (g/dl)	HCT (%)	MCV (fL)	MCH (pg)	MCHC (g/dl)	RDW (%)	PLT (x10 ³ /mcl)	MPV (fL)
Age	Reference Ranges								
0-14 days	4.10-5.70	13.4-20.0	40.0-57.0	91-106	31.0-36.0	33.0-35.7	<=17.3	144-449	10.2-12.0
15-30 days	3.20-4.80	10.0-15.3	30.0-45.0	89-103	30.0-35.0	32.7-35.1	<=16.8	248-586	10.0-12.2
31-60 days	2.90-4.20	8.9-12.7	27.0-38.0	83-96	28.0-32.0	32.3-34.9	<=16.1	229-597	9.2-11.1
61-180 days	3.4-4.8	9.6-12.4	29.0-37.0	74-88	24.0-30.0	31.9-34.4	<=15.3	244-580	8.9-10.9
6 mos-1 yr	4.00-5.00	10.1-12.7	31.0-38.0	70-83	23.0-28.0	31.6-34.4	<=15.6	206-459	8.7-10.6
2-5 yrs	3.80-5.00	10.2-12.7	31.0-38.0	71-85	24.0-29.0	31.8-34.7	<=14.9	190-403	8.9-11.0
6-11 yrs	3.90-5.00	10.6-13.4	32.0-40.0	75-88	25.0-29.0	31.8-34.9	<=14.4	200-369	9.2-11.4
12-17 yrs	3.90-5.30	10.8-14.5	33.0-44.0	77-91	25.0-30.0	31.5-34.8	<=14.6	175-345	9.6-11.8
>18 yrs, Male	4.60-6.10	13.7-17.5	40.0-51.0	79-98	26.0-32.0	30.7-35.5	<=14.9	155-369	8.8-12.5
>18 yrs, Female	3.90-5.20	11.2-15.7	34.0-45.0	79-98	26.0-32.0	30.7-35.5	<=14.9	155-369	8.8-12.5
	WBC (x10 ³ /mcl)	Neut# (x10 ³ /mcl)	Lymph# (x10 ³ /mcl)	Mono# (x10 ³ /mcl)	Eos# (x10 ³ /mcl)	Baso# (x10 ³ /mcl)	IG # (x10 ³ /mcl)		
Age	Reference Ranges								
0-14 days	8.0-15.4	1.6-6.8	1.8-8.0	0.5-1.8	0.1-0.7		0-0.3		
15-30 days	7.8-15.9	1.2-5.5	2.1-8.4	0.3-1.4	0.1-0.8		0-0.2		
31-60 days	7.1-15.0	1.0-4.7	2.3-9.1	0.3-1.2	0.0-0.6		0-0.1		
61-180 days	6.0-13.3	1.0-7.2	2.1-9.0	0.2-1.2	0.0-0.7		0-0.1		
6 mos-1 yr	6.0-13.5	1.2-7.2	1.5-8.1	0.2-1.2	0.0-0.8		0-0.1		
2-5 yrs	4.9-13.4	1.5-8.3	1.1-5.8	0.2-0.9	0.0-0.5		0-0.1		
6-11 yrs	4.3-11.4	1.6-7.9	1.0-4.0	0.2-0.9	0.0-0.5		0-0.1		
12-17 yrs	3.8-9.8	1.5-7.5	1.0-3.3	0.2-0.8	0.0-0.4		0-0.1		
>18 yrs, Male	3.7-10.3	1.6-6.1	1.2-3.9	0.3-0.9	0.0-0.5		0-0.1		
>18 yrs, Female	3.7-10.3	1.6-6.1	1.2-3.9	0.3-0.9	0.0-0.5		0-0.1		
All						0.0-0.1			
	Retic (%)	Retic# (x10 ³ /mcl)	IRF (%)						
0-14 days	3.5-5.4	148-216	30.5-35.1						
15-30 days	1.1-2.4	51-110	14.5-24.6						
31-90 days	2.1-3.5	52-78	19.1-28.9						
91-180 days	1.6-2.7	48-88	13.4-23.3						
6 mos-1 yr	1.0-1.8	44-111	11.4-25.8						
2-5 yrs	0.8-1.4	36-68	8.4-21.7						
6-11 yrs	1.0-1.9	42-70	8.9-24.1						
12-17 yrs	0.9-1.5	42-65	9.0-18.7						
>18 yrs, Male	0.9-2.5	40-110	3.1-17.6						
>18 yrs, Female	0.9-2.5	40-110	3.1-17.6						
	NRBC (%)								
0-14 days	0-8								
>14 days	0								
	Ret-Hgb (pg)	IPF (%)							
All	28-38	1.2-10.5							