

ADDENDUM IV

LYMPHOCYTE SUBSET REFERENCE RANGES

Age	Total T Cells (CD3)		Helper T Cells (CD4)		Cytotoxic T Cells (CD8)		B Cells (CD19)		Natural Killer Cells (CD16+CD56)	
	Absolute (cells/cmm)	Percent (%)	Absolute (cells/cmm)	Percent (%)	Absolute (cells/cmm)	Percent (%)	Absolute (cells/cmm)	Percent (%)	Absolute (cells/cmm)	Percent (%)
0-2 Months	2500 – 5500	53 – 84	1600 – 4000	35 – 64	560 – 1700	12 – 28	300 – 2000	6 – 32	170 – 1100	4 – 18
3-5 Months	2500 – 5600	51 – 77	1800 – 4000	35 – 56	590 – 1600	12 – 23	430 – 3000	11 – 41	170 – 830	3 – 14
6-11 Months	1900 – 5900	49 – 76	1400 – 4300	31 – 56	500 – 1700	12 – 24	610 – 2600	14 – 37	160 – 950	3 – 15
12-23 Months	2100 – 6200	53 – 75	1300 – 3400	32 – 51	620 – 2000	14 – 30	720 – 2600	16 – 35	180 – 920	3 – 15
2-5 Years	1400 – 3700	56 – 75	700 – 2200	28 – 47	490 – 1300	16 – 30	370 – 1400	14 – 33	130 – 720	4 – 17
6-11 Years	1200 – 2600	60 – 76	650 – 1500	31 – 47	370 – 1100	18 – 35	270 – 860	13 – 27	100 – 480	4 – 17
12-17 Years	1000 – 2200	56 - 84	530 – 1300	31 – 52	330 – 920	18 – 35	110 – 570	6 – 23	70 – 480	3 – 22
Adult	527 - 2846	49 – 81	332 - 1642	28 - 51	170 – 811	12 - 38	78 - 899	7 - 23	67 - 1134	6 - 29

Pediatric Ranges adopted from Shearer WT, Rosenblatt HM, Gelman RS, et al: Lymphocyte subsets in healthy children from birth through 18 years of age: The Pediatric AIDS Clinical Trials Group P1009 study. J Allergy Clin Immunol 2003;112(5):973-980
 Adult Ranges established at Albany Medical Center.