

QTBNK Profile

Marker/Age	% of lymphocytes	Absolute count (cells/cmm)
CD3		
0 – 1 month	53-84	1219-9072
1 – 3 months	53-84	1378-11172
3 – 6 months	51-77	1428-9933
6 months-1year	49-76	1372-9804
1-2 years	53-75	848-6450
2-6 years	56-75	896-6450
6-12 years	60-76	660-4636
12-18 years	56-84	616-5124
>18 years	61-79	732-3160
CD4		
0 – 1 month	35-64	805-6912
1 – 3 months	35-64	910-8512
3 – 6 months	35-56	980-7224
6 months-1year	31-56	868-7224
1-2 years	32-51	512-4386
2-6 years	28-47	448-4042
6-12 years	31-47	341-2867
12-18 years	31-52	341-3172
>18 years	38-54	456-2160
CD8		
0 – 1 month	12-28	276-3024
1 – 3 months	12-28	312-3724
3 – 6 months	12-23	336-2967
6 months-1year	12-24	336-3096
1-2 years	14-30	224-2580
2-6 years	16-30	256-2580
6-12 years	18-35	198-2135
12-18 years	18-35	198-2135
>18 years	14-28	168-1120
CD16,56		
0 – 1 month	4-18	92-1944
1 – 3 months	4-18	104-2394
3 – 6 months	3-14	84-1806
6 months-1year	3-15	84-1935
1-2 years	3-15	48-1290
2-6 years	4-17	64-1462
6-12 years	4-17	44-1037
12-18 years	3-22	33-1342
>18 years	7-24	84-960

CD19		
0 – 1 month	6-32	138-3456
1 – 3 months	6-32	156-4256
3 – 6 months	11-41	308-5289
6 months-1year	14-37	392-4773
1-2 years	16-35	256-3010
2-6 years	14-33	224-2838
6-12 years	13-27	143-1647
12-18 years	6-23	66-1403
>18 years	7-20	84-800
CD20		
>6 yrs	6-12	14-346
CD4:CD8 Ratio		
0-6 months		0.9-3.5
6 months-1 year		0.8-3.4
1-2 years		0.6-3.4
2-6 years		0.7-2.1
>6 years		1.2-2.6

Pediatric Reference Ranges from Journal of Allergy and Clinical Immunology, vol. 112, No. 5, 11/2003 and studies performed at Michigan Medicine Flow Cytometry Laboratory. Absolute ranges are calculated utilizing absolute lymphocyte count ranges for the same age groups provided by the hematology laboratory