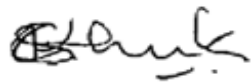


TEST	CODE	UNIT	GENDER	AGE (from-to)	RANGE	Reference	Method in Use
CD3 (%)	ZHFC3% ctZHFC3% (NEW-05-11)	%	M/F	0D - <3M	53 - 84	Adopted from Lancet	Multitest Trucount Method
				3M - <6M	51 - 77		
				6M - <1Y	49 - 76		
				1Y - <2Y	53 - 75		
				2Y - <6Y	56 - 75		
				6Y - <13Y	60 - 76		
				13Y - 108Y	56 - 86		
CD3 (absolute)	ZHFC3 (NEW-11-05)	/uL or /mm ³	M/F	0D - <3M	2500 - 5500		
				3M - <6M	2500 - 5600		
				6M - <1Y	1900 - 5900		
				1Y - <2Y	2100 - 6200		
				2Y - <6Y	1400 - 3700		
				6Y - <13Y	1200 - 2600		
				13Y - 108Y	723 - 2737		
CD4 (%)	ZHFC4% (NEW-05-11)	%	M/F	0D - <3M	35 - 64		
				3M - <6M	35 - 56		
				6M - <1Y	31 - 56		
				1Y - <2Y	32 - 51		
				2Y - <6Y	28 - 47		
				6Y - <13Y	31 - 47		
				13Y - 108Y	28 - 58		
CD4 (absolute)	ZHFC4# (NEW-11-05)	/uL or /mm ³	M/F	0D - <3M	1600 - 4000		
				3M - <6M	1800 - 4000		
				6M - <1Y	1400 - 4300		
				1Y - <2Y	1300 - 3400		
				2Y - <6Y	700 - 2200		
				6Y - <13Y	650 - 1500		
				13Y - 108Y	500 - 2010		

Please note: BARC adult reference ranges (that are highlighted) were implemented on the 11 May 2015 as per note to file sent at the time. These have now been added to BARC standard reference range document.

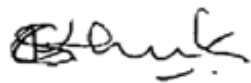


Glenda Kuntashula (Quality Assurance Manager)

TEST	CODE	UNIT	GENDER	AGE (from-to)	RANGE	Reference	Method in Use
CD8 (%)	ZHFC8% (NEW-11-05)	%	M/F	0D - <3M	12 - 28	Adopted from Lancet	Multitest Trucount Method
				3M - <6M	12 - 23		
				6M - <1Y	12 - 24		
				1Y - <2Y	14 - 30		
				2Y - <6Y	16 - 30		
				6Y - <13Y	18 - 35		
				13Y - 108Y	13 - 39		
CD8 (absolute)	ZHFC8 (NEW-11-05)	/uL or /mm3	M/F	0D - <3M	560 - 1700	Adopted from Lancet	Multitest Trucount Method
				3M - <6M	590 - 1600		
				6M - <1Y	500 - 1700		
				1Y - <2Y	620 - 2000		
				2Y - <6Y	490 - 1300		
				6Y - <13Y	370 - 1100		
				13Y - 108Y	220 - 1129		
CD4:CD8 RATIO	ZHFC4:CD8 (A)	-	M/F	0D - <3Y 1M	1.2 - 6.2	Adopted from Lancet	Multitest Trucount Method
				3Y 1M - <13Y	0.98 - 3.24		
				13Y - 108Y	1.0 - 2.0		
CD 16 + 56 (%) *		%	M/F	13Y - 108Y	5 - 26	Adopted from Lancet	Multitest Trucount Method
CD 16 + 56 (absolute) *		/uL or /mm3	M/F	13Y - 108Y	84 - 724		
CD 19 (%) *		%	M/F	13Y - 108Y	5 - 22		
CD 19 (absolute) *		/uL or /mm3	M/F	13Y - 108Y	80 - 616		

Please note: BARC adult reference ranges (that are highlighted) were implemented on the 11 May 2015 as per note to file sent at the time. These have now been added to BARC standard reference range document.

* Additional reference ranges previously not listed on BARC standard reference range document.



Glenda Kuntashula (Quality Assurance Manager)