

Additional file 1: Table S1

Reference ranges for blood tests - used in the study - at various ages.

HEMOGLOBIN in g/dl	
Age	Reference range
2 months - 3 months	9.2 - 15.0
3 months - 4 months	9.7 - 12.7
4 months - 6 months	10.1 - 12.9
6 months - 1 year	10.5 - 12.9
1 year - 2 years	10.8 - 12.7
2 years - 3 years	10.8 - 12.7
3 years - 10 years	11.1 - 14.3
10 years - 12 years	11.9 - 14.7
12 years - 16 years	12.7 - 16.7
>18 years (male)	13.8 - 19.5
>18 years (female)	11.9 - 17.2
ERYTHROCYTES in Tpt/l	
Age	Reference range
2 months - 3 months	2.80 - 4.80
3 months - 4 months	3.10 - 4.70
4 months - 6 months	3.20 - 5.20
6 months - 1 year	3.60 - 5.20
1 year - 3 years	3.70 - 5.30
3 years - 10 years	3.70 - 5.70
10 years - 12 years	3.80 - 5.80
12 years - 16 years	4.30 - 5.90
> 16 years (male)	4.60 - 6.20
> 16 years (female)	4.20 - 5.40
MEAN CORPUSCULAR VOLUME in femtoliter (fL)	
Age	Reference range
2 months - 3 months	81 - 121
3 months - 4 months	77 - 113
4 months - 6 months	73 - 109
6 months - 1 year	74 - 102
1 year - 3 years	73 - 101
3 years - 10 years	72 - 88
10 years - 12 years	69 - 93
12 years - 16 years	72 - 90
> 16 years	80 - 96

HEMATOCRIT	
Age	Reference range
2 months - 3 months	0.300- 0.440
3 months - 4 months	0.310 - 0.430
4 months - 6 months	0.320 - 0.440
6 months - 1 year	0.350 - 0.430
1 year - 2 years	0.350 - 0.430
2 years - 3 years	0.350 - 0.430
3 years - 10 years	0.310 - 0.430
10 years - 12 years	0.330 - 0.450
12 years - 16 years	0.360 - 0.480
> 16 years (male)	0.400 - 0.540
> 16 years (female)	0.370 - 0.470
SERUM FERRITIN LEVEL in µg/L	
Age	Reference range
<= 1 month	150.0 - 450.0
1 month - 3 months	80.0 - 500.0
3 months - 18 years	20.0 - 200.0
SOLUBLE TRANSFERRIN RECEPTOR in mg/L:	
Age	Reference range
1 month - 18 years	0.76 - 1.76
SOLUBLE TRANSFERRIN RECEPTOR/ LOG FERRITIN RATIO	
Age	Reference range
1 month - 18 years	0.38 - 1.54
TRANSFERRIN SATURATION in %	
Age	Reference range
1 month – 5 years	7.0 - 44.0
5 years - 9 years	17.0 - 42.0
<= 14 years	11.0 - 36.0
<= 19 years	6.0 - 33.0
> 19 years	16.0 - 45.0