

IgE REFERENCE LEVELS IN SERUM (U/ML)**PHARMACIA Uni CAP SYSTEM TOTAL IGE FEIA EXPECTED VALUES**

AGE	MEAN U/ML	MEAN 2 S.D.	NORMAL RANGE 2 S.D.
6 weeks	0.6	8.8	0 - 9.4
3 months	1.0	17	0 - 18.0
6 months	1.8	30	0 - 31.8
9 months	2.6	39	0 - 41.6
1 year	3.2	53	0 - 56.2
2 years	5.7	93	0 - 98.7
3 years	8.0	128	0 - 136.0
4 years	10.0	160	0 - 170.0
5 years	12.0	192	0 - 204.0
6 years	14.0	224	0 - 238.0
7 years	16.0	248	0 - 264.0
8 years	18.0	280	0 - 298.0
9 years	20.0	304	0 - 324.0
10 years	22.0	328	0 - 350.0
Adult	13.2	127	0 - 140.2

NOTE: Data for newborns to age 10 was generated with the Pharmacia CAP system. The listed data for adults was generated using Phadebas IgE PRIST. Comparison studies between Pharmacia CAP system IgE FEIA and Phadebas IgE PRIST have been performed with 104 samples assayed in three replicates on five different occasions. The values found show a good correlation between the two techniques. Thus the expected values for Phadebas IgE PRIST can be used for Pharmacia CAP system IgE FEIA as well.

Adults with asthma and hay fever geometric mean: 140.0 U/L

Clinical significance in children: The data from two independent studies using Phadebas IgE PRIST for the determination of total IgE in serum of 466 carefully selected healthy children have been used for calculations leading to the development of serum total IgE levels during childhood (see table). Serum total IgE levels tend to decline in adults.