

Metodbyte S-Adiponektin

Från och med 26 april 2017 byter Klinisk kemi, Karolinska Universitetslaboratoriet, mätmetod och referensintervall för bestämning av adiponektin i serum, från RIA till ELISA (Mediagnost).

För ytterligare information vänligen kontakta någon av undertecknade.

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Table 1a Expected values for adults, gender specific mean as well as median, 5. and 95. percentiles are given.

Sex	Number [n]	Mean [µg/ml]	Median [µg/ml]	Standard Deviation	5 th Percentile [µg/ml]	95 th Percentile [µg/ml]
Female	101	10.2	9.1	4.6	4.0	19.4
Male	125	6.8	6.1	4.1	2.0	13.9
total	226	8.3	7.5	4.6	2.4	19.3

Table 1b Expected values for children, gender specific mean as well as median, 5. and 95. percentiles are given.

Sex	Number [n]	Mean [µg/ml]	Median [µg/ml]	Standard Deviation	5 th Percentile [µg/ml]	95 th Percentile [µg/ml]
Female	131	8.71	8.18	4.32	3.05	15.6
Male	134	8.97	8.12	5.13	3.36	18.6
total	265	8.84	8.18	4.74	3.33	16.5

Table 1c Expected values for Adiponektin, age specific mean as well as median, 5. and 95. percentiles are given.

Age group [a]	Number [n]	Mean [µg/ml]	Median [µg/ml]	5. Percentile [µg/ml]	95. Percentile [µg/ml]
< 7.99	46	12.82	11.7	2.33	26.5
8 – 9.99	40	8	8.09	3.96	14.9
10-11.99	55	8.02	7.14	3.36	13.8
12 – 13.99	26	8.21	7.54	4.5	13.2
14 – 15.99	59	8.12	8.09	3.67	13.7
16 – 19.99	41	7.97	7.79	2.74	13.3
alle	267	8.88	8.18	3.33	16.7
20 – 29.99	47	6.72	6.38	2.50	12.25
30 – 39.99	38	7.38	6.69	1.98	19.29
40 – 49.99	55	8.42	8.20	2.41	17.85
50 – 59.99	47	9.61	8.55	2.15	19.85
> 60	32	9.52	8.57	3.00	21.10
alle	226	8.33	7.5	2.41	19.29

Table 1d Expected values for Adiponectin, age as well as gender specific mean and median, BMI and 25. and 75. percentiles are given.

Female			Adiponectin (µg/ml):			
Age (Years):	n:	BMI: AV ± SD	AV ± SD:	Median :	Percentile: 25.- 75.	Min. – Max.:
Newborn Cord blood	19	--	29.80 ± 12.49	26.1	19.5 -35.2	16.9 - 61.4
< 3.99	9	15.73 ± 0.79	14.43 ± 7.76	11.2	8.2 - 21.8	2.3 - 26.7
4.0 - 7.99	11	16.01 ± 1.94	8.46 ± 4.73	9.3	2.9 - 12.1	1.4 - 15.6
8.0 - 9.99	22	17.58 ± 3.84	7.92 ± 3.00	8.2	5.2 - 10.0	3.6 - 15.1
10.0 - 11.99	33	17.83 ± 1.86	7.66 ± 4.59	6.6	5.0 - 8.8	3.1 - 20.9
12.0 - 13.99	11	19.85 ± 2.31	8.22 ± 5.64	7.5	6.5 - 9.2	4.9 - 13.2
14.0 - 15.99	27	19.91 ± 1.72	8.83 ± 9.25	8.9	5.2 - 11.8	2.6 - 17.7
16.0 – 19.99	18	21.64 ± 2.64	9.00 ± 3.22	8.7	6.9 - 11.2	2.7 - 14.0
20.0 - 29.99	24	23.12 ± 5.01	7.39 ± 3.35	7.3	5.7 - 9.0	3.4 - 17.8
30.0 - 39.99	17	23.20 ± 2.86	9.19 ± 3.89	8.6	7.2 - 10.4	3.6 - 19.3
40.0 - 49.99	26	24.50 ± 4.11	9.93 ± 3.59	9.5	7.5 - 11.6	4.4 - 19.6
50.0 - 59.99	21	24.61 ± 3.31	11.5 ± 5.49	10.0	8.0 - 15.9	2.0 - 23.1
>60.0	8	24.63 ± 1.89	15.6 ± 4.64	15.3	11.4 - 18.2	11.2 - 24.1

Male			Adiponectin (µg/ml):			
Age (Years):	n:	BMI: AV ± SD	AV ± SD:	Median :	Percentile: 25.- 75.	Min. – Max.:
Newborn Cord blood	10	--	27.80 ± 7.68	26.7	22.2 -31.0	15.6 - 40.6
< 3.99	14	16.17 ± 1.81	16.57 ± 6.55	14.3	11.6 - 21.2	5.8 - 40.3
4.0 - 7.99	12	15.69 ± 1.05	11.24 ± 5.43	9.7	8.9 - 15.9	3.5 - 18.6
8.0 - 9.99	18	16.45 ± 1.76	8.11 ± 2.93	7.6	6.2 - 9.1	5.00 - 15.4
10.0 - 11.99	21	18.34 ± 2.18	8.43 ± 3.91	7.8	5.2 - 10.9	3.4 - 20.2
12.0 - 13.99	14	18.61 ± 2.11	7.59 ± 2.86	7.1	6.0 - 10.3	2.4 - 12.2
14.0 - 15.99	32	19.86 ± 2.00	7.53 ± 2.52	7.4	5.1 - 9.3	3.8 - 15.4
16.0 -19.99	23	22.03 ± 2.42	7.16 ± 3.53	6.9	4.2 - 9.6	2.0 - 13.9
20.0 - 29.99	23	23.43 ± 2.48	5.44 ± 2.29	5.8	4.0 - 6.9	1.3 - 10.3
30.0 - 39.99	21	23.33 ± 2.72	5.92 ± 4.60	4.4	2.7 - 6.7	1.9 - 20.6
40.0 - 49.99	22	23.79 ± 2.41	6.13 ± 2.92	5.5	3.8 - 8.3	2.1 - 11.6
50.0 - 59.99	23	26.68 ± 2.77	7.45 ± 4.50	6.7	5.0 - 8.8	1.4 - 19.6
>60.0	24	25.72 ± 2.12	7.48 ± 3.92	7.6	4.6 - 9.2	3.0 - 21.1

n= Number of Probands AV=Average Value BMI=Body Mass Index (kg/m²) SD=Standard Deviation