

DHEA-S;  
DEHYDROEPIANDROSTERONE  
SULPHATE, SERUM

ug/dL

(CMIA)

AGE GROUP IN YEARS	FEMALES ( ug/dL)	MALES (ug/dL)
11-14	8.60-169.80	16.60-242.70
15-19	61.20-493.60	45.10-385.00
20-24	134.20-407.40	238.40-539.30
25-34	95.80-511.70	167.90-591.90
35-44	74.80-410.20	139.70-484.40
45-54	56.20-282.90	136.20-447.60
55-64	29.70-182.20	48.60-361.80
65-70	33.60-78.90	228.50-283.60

AGE	CHILDREN ( ug/dL)
< 1 week	24.60-302.80
1-4 weeks	8.50-317.30
1-12 months	31.60-214.10
1-4 years	32.70-276.00
5-10 years	24.40-209.70

#### Clinical Use

- Marker for Adrenal cortical function and disease
- Differential diagnosis of virilized patient. In patients with virilizing tumors, DHEAS levels usually exceed 7000 ug/dL.

#### Increased Levels

- Congenital Adrenal Hyperplasia
- Adrenal carcinoma
- Virilizing tumors of the Adrenal gland

- Cushing's disease, pituitary dependent

#### **Decreased Levels**

- Addison's disease
- Adrenal hypoplasia

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