

DHEA-Sulfate Level chart

Introduction

Dehydroepiandrosterone sulfate (DHEA-S) is an important hormone measured to assess adrenal gland function and diagnose various medical conditions. This guide provides reference ranges for DHEA-S levels across different ages and genders. Units

DHEA-S Levels: umol/L

Reference Ranges

Age	Lower	Upper
Males & Females		
<7 days	2.7	20.4
7 to <28d	0.80	13.6
28d to <1y	0.06	6.7
1y to <5y	0.01	0.70
5 to <10y	0.06	2.6
Females		
10 to <15Y	0.68	8.8
15 to <20y	1.4	11.5
20 to <25y	3.9	11.6
25 to <35y	1.9	11.0
35 to <45y	1.5	10.9
45 to <55y	0.80	8.7
55 to <65y	0.44	8.0
65 to <75y	0.23	7.5
= or >75y	0.19	4.5
Males		
10 to <15y	0.41	7.6
15 to <20y	1.4	14.3
20 to <25y	5.1	13.6
25 to <35y	4.0	13.9
35 to <45y	1.8	12.6

45 to <55y	1.0	10.0
55 to <65y	1.0	8.6
65 to <75y	0.88	7.0
= or >75y	0.41	5.7

Interpretation

- **Below Lower Limit:** Suggests adrenal insufficiency, Addison's disease, or hypopituitarism.
- **Above Upper Limit:** May indicate adrenal hyperplasia, adrenal tumors, or polycystic ovary syndrome (PCOS) in females.
- **Age and Gender Variations:** Consider physiological changes, especially in puberty and older age.

Uncertainty of Measurement

- Below 1.0 umol/L: 12%
- At 5.50 umol/L and higher: 8%

Practitioner's Note