

# DHEA SULFATE, PLASMA/ SERUM

## Orderable - DHEAS

Turn Around Time: 5-7 days

### Alternate Name(s):

Dehydroepiandrosterone Sulfate  
DHEAS

### Specimen:

Adult	Pediatric
4.5 mL Light Green top (Li-Heparin) Vacutainer tube	0-2 years: 0.5 mL Light Green top Microtainer 2-10 years: 3 mL Light Green top Vacutainer tube
Red, Gold, or Lavender (EDTA) top tubes are also acceptable	

### Collection Information:

Minimum volume of plasma or serum required is 700 µL for adult samples or 200 µL for pediatric samples.

### Reference Ranges:

Pediatric	
Age	Range
< 1 week:	2.9 – 16.5 µmol/L
1-4 weeks:	0.9 – 11.7 µmol/L
1-12 months:	≤ 3.4 µmol/L
1-4 years:	≤ 0.5 µmol/L
5-9 years:	≤ 2.3 µmol/L

Male	
Age	Range
10-14 years:	0.7 – 6.7 µmol/L
15-19 years:	1.9 – 13.4 µmol/L
20-24 years:	5.7 – 13.4 µmol/L



**Laboratory:**  
Core Lab




**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Roche  
Electrochemiluminescence



**Test Schedule:**  
Batched, run on Tuesdays


 DHEA  
 SULFATE,  
 PLASMA/  
 SERUM

25-34 years:	4.3 – 12.2 $\mu\text{mol/L}$
35-44 years:	2.4 – 11.6 $\mu\text{mol/L}$
45-54 years:	1.2 – 9.0 $\mu\text{mol/L}$
55-64 years:	1.4 – 8.0 $\mu\text{mol/L}$
65-74 years:	0.9 – 6.8 $\mu\text{mol/L}$
$\geq 75$ years:	0.4 – 3.3 $\mu\text{mol/L}$

Female	
Age	Range
10-14 years:	0.9 – 7.6 $\mu\text{mol/L}$
15-19 years:	1.8 – 10.0 $\mu\text{mol/L}$
20-24 years:	4.0 – 11.0 $\mu\text{mol/L}$
25-34 years:	2.7 – 9.2 $\mu\text{mol/L}$
35-44 years:	1.7 – 9.2 $\mu\text{mol/L}$
45-54 years:	1.0 – 7.0 $\mu\text{mol/L}$
55-64 years:	0.5 – 5.6 $\mu\text{mol/L}$
65-74 years:	0.3 – 6.7 $\mu\text{mol/L}$
$\geq 75$ years:	0.3 – 4.2 $\mu\text{mol/L}$

### Comments:

Biotin may interfere with this test. Samples should not be taken from patients receiving high biotin doses (i.e.  $> 5$  mg/day) until at least 8 hours after the last biotin administration.

Rheumatoid factor  $> 80$  IU/mL may cause interference with this assay.

### Storage and Shipment:

Store and ship plasma or serum frozen.