

# DHEAS

## Synonyms

Dehydroepiandrosterone sulphate (DHEAS) (DHAS)

## Clinical Indication

DHEAS is useful in the diagnosis of a virilizing adrenal tumour and to monitor recurrence after surgical removal. It is of little value in the investigation of acne, idiopathic hirsutism or infertility.

DHEAS is the first adrenal androgen to show a significant increase at the onset of adrenarche and serum levels give an indication of the stage of development in children and may be useful in the investigation of delayed or precocious adrenarche / puberty.

High levels of DHEAS are often seen in polycystic ovary syndrome.

## Part of Profile / See Also

## Request Form

Combined Pathology manual Blood form or ICE request

## Availability / Frequency of Analysis

Referred test

Analytical method LS-MS/MS

Royal London Hospital, [8285](#)

Clinical Biochemistry, 4th Floor Pathology & Pharmacy Building,  
80 Newark Street, Whitechapel, London. E1 2ES

Contact:-

Dr Sarah Pitkin, Principal Clinical Biochemist

[sarah.pitkin@nhs.net](mailto:sarah.pitkin@nhs.net)

Switchboard: 0207 377 7000 Ext: 61038

## Turnaround Time

10 days or 48 hours if urgent and agreed by Clinical Scientist  
(excluding weekends)

## Patient Preparation

None required.

## Sample Requirements

### Specimen Type

Serum

### Volume

Minimum volume 250µL

### Container



Gold-top (SST) or plain Red-top tube ONLY

**Green-top (Lithium Heparin) tubes are unsuitable for analysis**

**Reference Range & Units**

**Male**

6m – 9 years: <0.5

10 – 15 years\*: 2.3 – 10.0

≥16 years: 2.3 – 10.0

\*Adult reference range. Interpret in line with pubertal status.

**Female**

6m – 9 years: <0.5

10 – 15 years\*: 1.6 – 7.8

≥16 years: 1.6 – 7.8

\*Adult reference range. Interpret in line with pubertal status.

**Interferences**

**Interpretation & Clinical**

**Decision Value (if applicable)**

**References**

**Test code**

DHAS

**Lab Handling**

Aliquot 500ul and store in referrals rack at -20°C. Sent daily by courier to Royal London Hospital (First class post acceptable)

Sample stability:-

5 days at 2-8 °C

2 months at -18 to - 26°C

