



## AccuDiag™

# DHEA

## (Dehydroepiandrosterone)

### ELISA

### Intended Use

Quantitative measurement of Dehydroepiandrosterone in human serum or plasma.

### Significance

Dehydroepiandrosterone (DHEA) is a major C19 steroid secreted by the adrenal cortex, and is a precursor in testosterone and estrogen biosynthesis. Measurement of serum DHEA is a useful marker of adrenal androgen synthesis. Abnormally low levels have been reported in hypoadrenalism, while elevated levels occur in several conditions; including virilizing adrenal adenoma and carcinoma, 21-hydroxylase and 3 $\beta$ -hydroxysteroid dehydrogenase deficiencies, and some cases of female hirsutism.



### Advantages



Very easy to use with little training



Highly specific and consistent assay



Provides accurate results quickly



Reading of results both visually and as absorbance data

### Specifications

Method	Enzyme Linked Immunosorbent Assay
Principle	Polyclonal Antibody
Sample	25 $\mu$ L serum/plasma
Total Time	~ 80 min.
Shelf Life	12 Months from the manufacturing date
Sensitivity	0.10ng/ml