

Mouse Dehydroepiandrosterone Sulfate (DHEA-S) ELISA Kit | DHEA-S elisa kit

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CATALOG #
AAA31517

REACTIVITY
Mouse

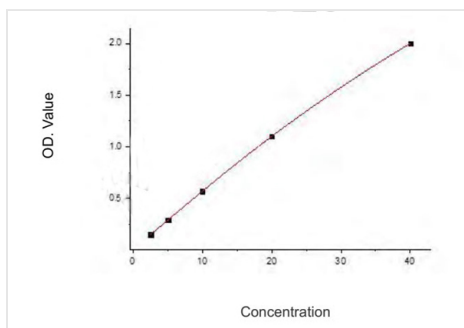
PRODUCT SYNONYMS

Dehydroepiandrosterone Sulfate (DHEA-S); Mouse Dehydroepiandrosterone Sulfate (DHEA-S) ELISA Kit; DHEA-S elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Dehydroepiandrosterone sulfate (DHEA-S) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse DHEA-S. No significant cross-reactivity or interference between Mouse DHEA-S and analogues was observed.
Assay Type	Sandwich
Samples	Mouse serum, cell culture supernates and other biological fluids
Detection Range	2.5 pg/ml - 40 pg/ml
Sensitivity	< 0.1pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DHEA-S elisa kit	Background: Dehydroepiandrosterone sulfate (DHEAS) is an androgen, a male sex hormone that is present in the blood of both men and women. It has a role to play in developing male secondary sexual characteristics at puberty, and it can be metabolised by the body into stronger androgens, such as testosterone and androstenedione, or can be converted into the female hormone oestrogen. DHEAS is produced by the adrenal cortex, the outer layer of the adrenal glands, with smaller amounts being produced by a woman's ovaries and man's testes Principle of the Assay: Mouse Dehydroepiandrosterone sulfate (DHEA-S) ELISA Kit employs a two-site sandwich ELISA to quantitate DHEA-S in samples. An antibody specific for DHEA-S has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DHEA-S present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Mouse DHEA-S detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of DHEA-S bound in the initial step. The color development is stopped and the intensity of the color is measured.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/dehydroepiandrosterone-sulfate-dhea-s/31517>