

General DHEA (Dehydroepiandrosterone) ELISA Kit | DHEA elisa kit

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CATALOG #
AAA177841

REACTIVITY
General

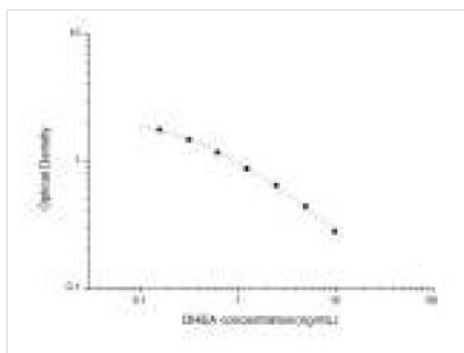
PRODUCT SYNONYMS

DHEA (Dehydroepiandrosterone); DHEA (Dehydroepiandrosterone) ELISA Kit; DHEA; DHEA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes DHEA in samples. No significant crossreactivity or interference between DHEA and analogues was observed
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10 ng/mL
Sensitivity	0.1 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level DHEA were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level DHEA were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the *following conditions (manual) once the kit is received.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DHEA elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with DHEA. During the reaction, DHEA in samples or Standard competes with a fixed amount of DHEA on the solid phase supporter for sites on the Biotinylated Detection Ab specific to DHEA. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The concentration of DHEA in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of DHEA concentrations in serum, plasma and other biological fluids.
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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/general-elisa-kits/dhea-dehydroepiandrosterone/177841>