

Rat Dehydroepiandrosterone, DHEA ELISA Kit | DHEA elisa kit

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CATALOG #
AAA80145

REACTIVITY
Rat

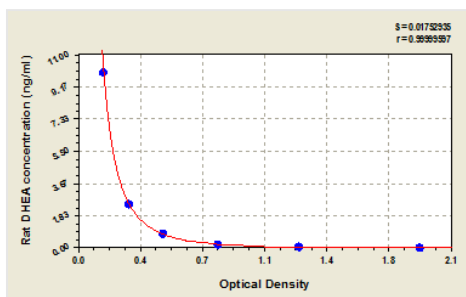
PRODUCT SYNONYMS

Dehydroepiandrosterone; DHEA; Rat Dehydroepiandrosterone; DHEA ELISA Kit; DHEA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat DHEA. No significant cross-reactivity or interference between rat DHEA and analogues was observed.
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	0.05 ng/ml -10 ng/ml.
Sensitivity	The minimum detectable dose of rat DHEA is typically less than 0.025 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest rat DHEA concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DHEA elisa kit	Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for DHEA and Horseradish Peroxidase (HRP) conjugated DHEA. The competitive inhibition reaction is launched between with HRP labeled DHEA and unlabeled DHEA with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of DHEA in the sample. 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://www.aaabiotech.com/rat-elisa-kits/dehydroepiandrosterone-dhea/80145>