

Human Dehydroepiandrosterone (DHEA) ELISA Kit | DHEA elisa kit

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CATALOG #
AAA12871

REACTIVITY
Human

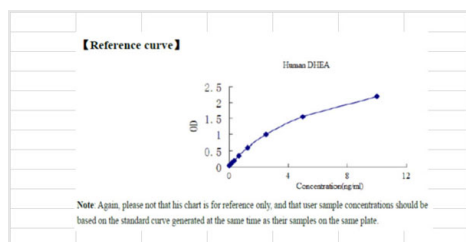
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	285
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DHEA elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human DHEA monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

468253

NCBI GeneID	6822
Molecular Weight	33,780 Da
NCBI Official Full Name	dehydroepiandrosterone sulfotransferase
NCBI Official Synonym Full Names	sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1
NCBI Official Symbol	SULT2A1
NCBI Official Synonym Symbols	HST; ST2; STD; hSTa; DHEAS; ST2A1; ST2A3; DHEA-ST
NCBI Protein Information	bile salt sulfotransferase; bile-salt sulfotransferase 2A1; alcohol/hydroxysteroid sulfotransferase
UniProt Protein Name	Bile salt sulfotransferase
UniProt Gene Name	SULT2A1
UniProt Synonym Gene Names	HST; STD; DHEA-ST; HST; ST2A1
UniProt Entry Name	ST2A1_HUMAN

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/human-elisa-kits/dehydroepiandrosterone-dhea/12871>