

Mouse alpha-L-iduronidase (IDUA) ELISA Kit | IDUA elisa kit

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CATALOG #
AAA12951

REACTIVITY
Mouse

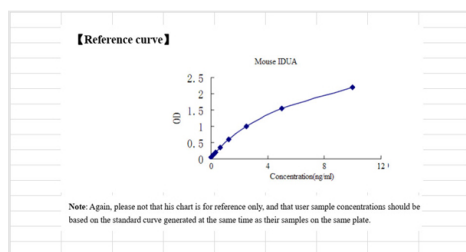
PRODUCT SYNONYMS

alpha-L-iduronidase (IDUA); Mouse alpha-L-iduronidase (IDUA) ELISA Kit; Mouse a-L-iduronidase (IDUA) ELISA Kit; IDUA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	653
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 IDUA 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-Mouse IDUA 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 #	110611239
NCBI GeneID	3425

NCBI Accession #	NP_000194.2
NCBI GenBank Nucleotide #	NM_000203.4
Molecular Weight	72,670 Da
NCBI Official Full Name	alpha-L-iduronidase
NCBI Official Synonym Full Names	iduronidase, alpha-L-
NCBI Official Symbol	IDUA
NCBI Official Synonym Symbols	IDA; MPS1
NCBI Protein Information	alpha-L-iduronidase
UniProt Protein Name	Alpha-L-iduronidase
UniProt Gene Name	IDUA
UniProt Entry Name	IDUA_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/mouse-elisa-kits/alpha-l-iduronidase-idua/12951>