

Human alpha-L-iduronidase, IDUA ELISA Kit | IDUA elisa kit

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CATALOG #
AAA41271

REACTIVITY
Human

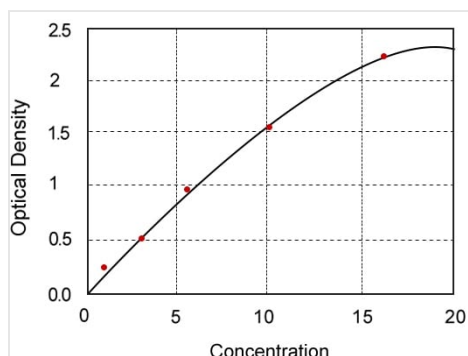
PRODUCT SYNONYMS

alpha-L-iduronidase; IDUA; Human alpha-L-iduronidase; IDUA ELISA Kit; IDUA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	653
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.021ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IDUA elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Alpha-L-iduronidase (also known as IDUA) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IDUA antibody. IDUA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IDUA Antibody is added and binds to IDUA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IDUA antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human IDUA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611239
NCBI GeneID	3425
NCBI Accession #	NP_000194.2
NCBI GenBank Nucleotide #	NM_000203.5
UniProt Accession #	P35475; B3KWK6
Molecular Weight	73,455 Da
NCBI Official Full Name	alpha-L-iduronidase isoform a
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

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/alpha-l-iduronidase-idua/41271>