

Human iduronate 2-sulfatase ELISA Kit | IDS elisa kit

Human iduronate sulfatase, IDS ELISA Kit

CATALOG #
AAA15687

REACTIVITY
Human

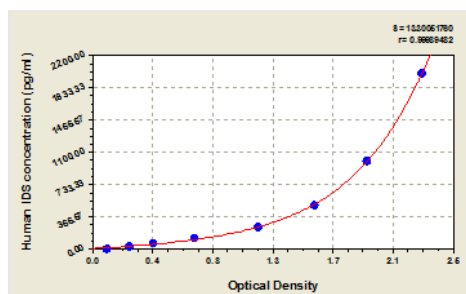
PRODUCT SYNONYMS

iduronate 2-sulfatase; Human iduronate sulfatase; IDS ELISA Kit; MPS2; SIDS; alpha-L-iduronate sulfate sulfatase; iduronate 2-sulfatase 14 kDa chain; iduronate 2-sulfatase 42 kDa chain; iduronate-2-sulfatase; idursulfase; IDS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IDES. No significant cross-reactivity or interference between human IDES and analogues was observed.
Sequence Length	550
Samples	Serum, Plasma, Urine And Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	47 pg/ml-3000 pg/ml
Sensitivity	11.75 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. 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 IDS elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IDES has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IDES present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IDES is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IDES bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557659
NCBI GeneID	3423
NCBI Accession #	NP_000193.1
NCBI GenBank Nucleotide #	NM_000202.6
UniProt Accession #	P22304; Q14604; Q9BRM3; D3DWT4
Molecular Weight	61,873 Da
NCBI Official Full Name	iduronate 2-sulfatase isoform a preproprotein
NCBI Official Synonym Full Names	iduronate 2-sulfatase
NCBI Official Symbol	IDS
NCBI Official Synonym Symbols	MPS2; SIDS
NCBI Protein Information	iduronate 2-sulfatase; idursulfase; iduronate 2-sulfatase 14 kDa chain; iduronate 2-sulfatase 42 kDa chain; alpha-L-iduronate sulfate sulfatase
UniProt Protein Name	Iduronate 2-sulfatase
UniProt Gene Name	IDS
UniProt Synonym Gene Names	SIDS; Idursulfase
UniProt Entry Name	IDS_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/ids-human-elisa-kits/iduronate-2-sulfatase/15687>