

Human dermatan sulfate, DS ELISA Kit | DS elisa kit

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CATALOG #
AAA41264

REACTIVITY
Human

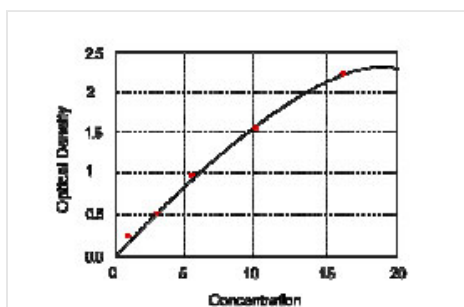
PRODUCT SYNONYMS

dermatan sulfate; DS; Human dermatan sulfate; DS ELISA Kit; DS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	958
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml-35ng/ml
Sensitivity	0.048ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 DS elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Deoxyribonuclease-2-alpha (also known as DNASE2A) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human DNASE2A antibody. DNASE2A present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human DNASE2A Antibody is added and binds to DNASE2A in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DNASE2A 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 DNASE2A. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124494231
NCBI GeneID	29940
NCBI Accession #	NP_001074445.1
NCBI GenBank Nucleotide #	NM_001080976.2
UniProt Accession #	Q9UL01; Q5R3K6
Molecular Weight	109,773 Da
NCBI Official Full Name	dermatan-sulfate epimerase isoform a
NCBI Official Synonym Full Names	dermatan sulfate epimerase
NCBI Official Symbol	DSE
NCBI Official Synonym Symbols	DSEP; DSEPI; SART2; EDSMC2; SART-2; DS-epi1
NCBI Protein Information	dermatan-sulfate epimerase
UniProt Protein Name	Dermatan-sulfate epimerase
UniProt Gene Name	DSE
UniProt Synonym Gene Names	SART2; DS epimerase; SART-2

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/dermatan-sulfate-ds/41264>