

Human DS ELISA Kit | DS elisa kit

Human DS (Dermatan Sulfate) ELISA Kit

CATALOG #
AAA164794

REACTIVITY
Human

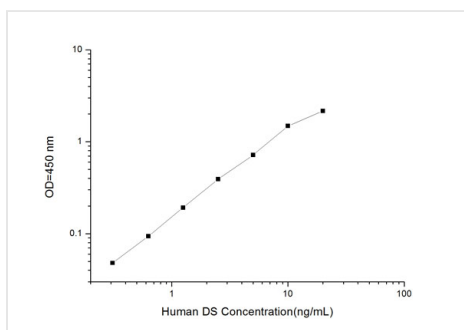
PRODUCT SYNONYMS

DS; Human DS (Dermatan Sulfate) ELISA Kit; DS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human DS in samples. No significant cross-reactivity or interference between Human DS and analogues was observed.
Sequence Length	327
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human DS were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human DS were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DS elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human DS. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human DS and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human DS, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human DS. You can calculate the concentration of Human DS in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human DS concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	333033798
NCBI GeneID	1725
NCBI Accession #	NP_001193903.1
NCBI GenBank Nucleotide #	NM_001206974.1
UniProt Accession #	P49366; Q13184; Q13276; Q9UDG0; A8K688; M0R1I5
Molecular Weight	36,583 Da
NCBI Official Full Name	deoxyhypusine synthase isoform d
NCBI Official Synonym Full Names	deoxyhypusine synthase
NCBI Official Symbol	DHPS
NCBI Official Synonym Symbols	DS; DHS; MIG13
NCBI Protein Information	deoxyhypusine synthase; migration-inducing gene 13
UniProt Protein Name	Deoxyhypusine synthase
UniProt Gene Name	DHPS
UniProt Synonym Gene Names	DS; DHS
UniProt Entry Name	DHYS_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.