

Human Dermatan Sulfate Epimerase (DSE) RTU ELISA Kit | DSE rtu elisa kit

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CATALOG #
AAA70304

REACTIVITY
Human

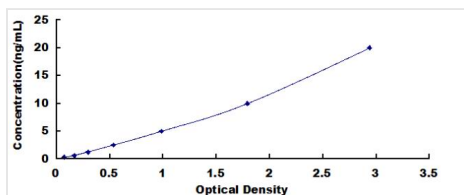
PRODUCT SYNONYMS

Dermatan Sulfate Epimerase (DSE); Human Dermatan Sulfate Epimerase (DSE) ELISA Kit; DSEPI; SART2; Squamous Cell Carcinoma Antigen Recognized By T Cells 2; Chondroitin-glucuronate 5-epimerase; DSE rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	958
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.114ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DSE rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DSE. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DSE. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain DSE, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of DSE in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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-rtu-elisa-kits/dermatan-sulfate-epimerase-dse/70304>