

Bovine Sorbitol dehydrogenase ELISA Kit | SORD elisa kit

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CATALOG #
AAA192385

REACTIVITY
Bovine

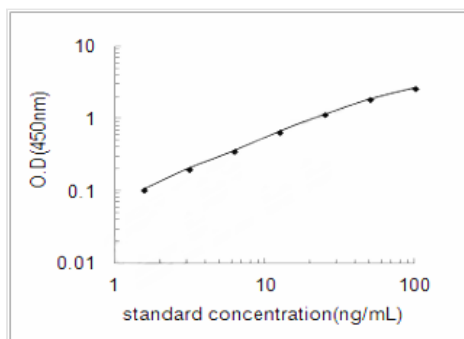
PRODUCT SYNONYMS

Sorbitol dehydrogenase; Bovine Sorbitol dehydrogenase ELISA Kit; L-iditol 2-dehydrogenase; SORD; 1.1.1.14; SORD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine Sorbitol dehydrogenase. No significant cross-reactivity or interference was observed.
Sequence Length	356
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SORD elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine Sorbitol dehydrogenase concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Sorbitol dehydrogenase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Sorbitol dehydrogenase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Sorbitol dehydrogenase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Sorbitol dehydrogenase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	82617550
NCBI GeneID	508954
NCBI Accession #	NP_001032397.1
NCBI GenBank Nucleotide #	NM_001037320.1
UniProt Accession #	Q58D31; Q0II66
Molecular Weight	38,099 Da
NCBI Official Full Name	sorbitol dehydrogenase
NCBI Official Symbol	SORD
NCBI Protein Information	sorbitol dehydrogenase
UniProt Protein Name	Sorbitol dehydrogenase
UniProt Gene Name	SORD
UniProt Entry Name	DHSO_BOVIN

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/sord-bovine-ovine-elisa-kits/sorbitol-dehydrogenase/192385>