

Bovine Sorbitol Dehydrogenase (SDH) ELISA Kit | SDH elisa kit

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CATALOG #
AAA136817

REACTIVITY
Bovine

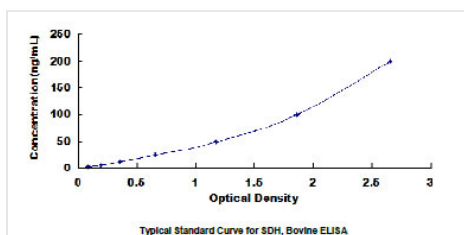
PRODUCT SYNONYMS

Sorbitol Dehydrogenase (SDH); Bovine Sorbitol Dehydrogenase (SDH) ELISA Kit; SORD; L-iditol 2-dehydrogenase; SDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of SDH. No significant cross-reactivity or interference between SDH and analogues was observed.
Sequence Length	357
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	1.13ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SDH were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SDH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDH elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SDH in bovine serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Product Categories/Family for SDH elisa kit

[Enzyme & Kinase](#); [Metabolic pathway](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	156627571
NCBI GeneID	6652
NCBI Accession #	NP_003095.2
NCBI GenBank Nucleotide #	NM_003104.5
UniProt Accession #	Q00796; Q16682; Q9UMD6; B2R655; B7Z3A6; J3JZZ5
Molecular Weight	10,812 Da
NCBI Official Full Name	sorbitol dehydrogenase
NCBI Official Synonym Full Names	sorbitol dehydrogenase
NCBI Official Symbol	SORD
NCBI Official Synonym Symbols	SORD1; HEL-S-95n
NCBI Protein Information	sorbitol dehydrogenase
UniProt Protein Name	Sorbitol dehydrogenase
UniProt Gene Name	SORD
UniProt Entry Name	DHSO_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://www.aaabiotech.com/bovine-ovine-elisa-kits/sorbitol-dehydrogenase-sdh/136817>