

Human SRR/Serine Racemase ELISA Kit | SRR elisa kit

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CATALOG #
AAA196691

REACTIVITY
Human

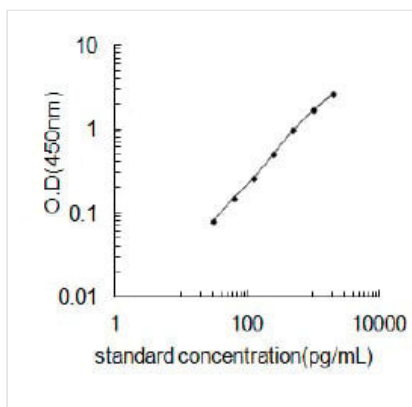
PRODUCT SYNONYMS

SRR/Serine Racemase; Human SRR/Serine Racemase ELISA Kit; Serine racemase; D-serine ammonia-lyase; D-serine dehydratase; 4.3.1.18; L-serine ammonia-lyase; L-serine dehydratase; 4.3.1.17; SRR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Serine racemase
Sequence Length	340
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	31.2 pg/mL-2000 pg/mL
Sensitivity	< 15.6 pg/mL
Intra-assay Precision	<=6.9%
Inter-assay Precision	<=11.1%
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 SRR elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11345492
NCBI GeneID	63826
NCBI Accession #	NP_068766.1
NCBI GenBank Nucleotide #	NM_021947.3
UniProt Accession #	Q9GZT4
NCBI Official Full Name	serine racemase isoform a
NCBI Official Synonym Full Names	serine racemase
NCBI Official Symbol	SRR
NCBI Official Synonym Symbols	ILV1; ISO1
NCBI Protein Information	serine racemase
UniProt Protein Name	Serine racemase
UniProt Gene Name	SRR
UniProt Entry Name	SRR_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.