

Rat Selenoprotein S ELISA Kit | Sels elisa kit

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CATALOG #
AAA56434

REACTIVITY
Rat

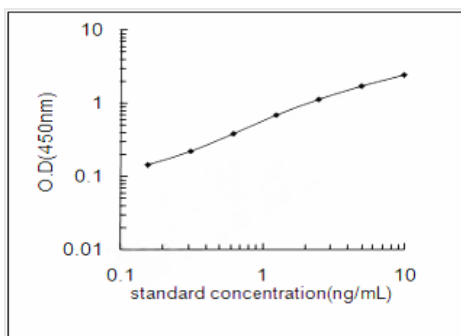
PRODUCT SYNONYMS

Selenoprotein S; Rat Selenoprotein S ELISA Kit; Sels elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat SelS. No significant cross-reactivity or interference was observed.
Sequence Length	187
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.087 ng/mL
Intra-Assay CV	<=4.6%
Inter-Assay CV	<=7.9%
Recovery	86%
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 Sels elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SelS. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for SelS 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 SelS, 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 SelS in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	111119003
NCBI GeneID	286900
NCBI Accession #	NP_775143.2
NCBI GenBank Nucleotide #	NM_173120.2
UniProt Accession #	Q8VHV8; Q6PCV8
Molecular Weight	21,385 Da
NCBI Official Full Name	selenoprotein S
NCBI Official Synonym Full Names	VCP-interacting membrane selenoprotein
NCBI Official Symbol	Vimp
NCBI Official Synonym Symbols	sg2; Sels
NCBI Protein Information	selenoprotein S
UniProt Protein Name	Selenoprotein S
UniProt Gene Name	Vimp
UniProt Synonym Gene Names	Sels; SeIS
UniProt Entry Name	SELS_RAT

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/sels-rat-elisa-kits/selenoprotein-s/56434>