

Mouse Insulin receptor substrate 1 ELISA Kit | Irs1 elisa kit

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CATALOG #
AAA191839

REACTIVITY
Mouse

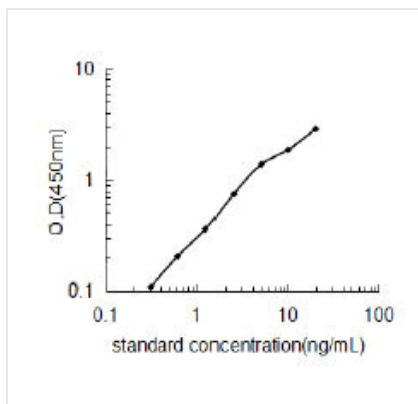
PRODUCT SYNONYMS

Insulin receptor substrate 1; Mouse Insulin receptor substrate 1 ELISA Kit; IRS-1; Irs1; Irs-1; Irs1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Insulin receptor substrate 1,IRS-1
Sequence Length	1231
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.171 ng/mL
Intra-assay Precision	<=7.0%
Inter-assay Precision	<=10.5%
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 Irs1 elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29825829
NCBI GeneID	16367
NCBI Accession #	NP_034700.2
NCBI GenBank Nucleotide #	NM_010570.4
UniProt Accession #	P35569
Molecular Weight	130,723 Da
NCBI Official Full Name	insulin receptor substrate 1
NCBI Official Synonym Full Names	insulin receptor substrate 1
NCBI Official Symbol	Irs1
NCBI Official Synonym Symbols	G972R; IRS-1
UniProt Protein Name	Insulin receptor substrate 1
UniProt Gene Name	Irs1
UniProt Synonym Gene Names	Irs-1; IRS-1
UniProt Entry Name	IRS1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/irs1-mouse-elisa-kits/insulin-receptor-substrate-1/191839>