

Mouse Insulin receptor substrate 2 ELISA Kit | Irs2 elisa kit

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CATALOG #
AAA192225

REACTIVITY
Mouse

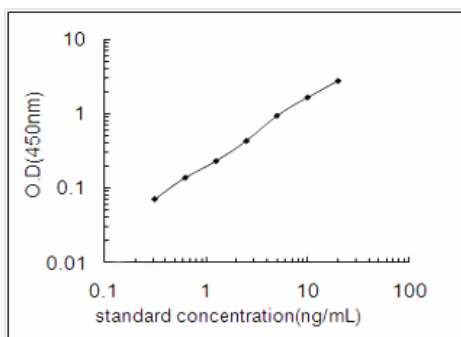
PRODUCT SYNONYMS

Insulin receptor substrate 2; Mouse Insulin receptor substrate 2 ELISA Kit; IRS-2; 4PS; Irs2; Irs2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1321
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.175 ng/mL
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=8.8%
Recovery	85%
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 Irs2 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 #	124487073
NCBI GeneID	384783
NCBI Accession #	NP_001074681.1
NCBI GenBank Nucleotide #	NM_001081212.1
UniProt Accession #	P81122; B9EJW3
Molecular Weight	136,763 Da
NCBI Official Full Name	insulin receptor substrate 2
NCBI Official Synonym Full Names	insulin receptor substrate 2
NCBI Official Symbol	Irs2
NCBI Official Synonym Symbols	Irs-2
NCBI Protein Information	insulin receptor substrate 2
UniProt Protein Name	Insulin receptor substrate 2
UniProt Gene Name	Irs2
UniProt Synonym Gene Names	IRS-2
UniProt Entry Name	IRS2_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/irs2-mouse-elisa-kits/insulin-receptor-substrate-2/192225>