

Mouse Insulin receptor substrate 1, IRS-1 ELISA Kit | IRS-1 elisa kit

Mouse Insulin receptor substrate 1, IRS-1 ELISA Kit

CATALOG #
AAA43359

REACTIVITY
Mouse

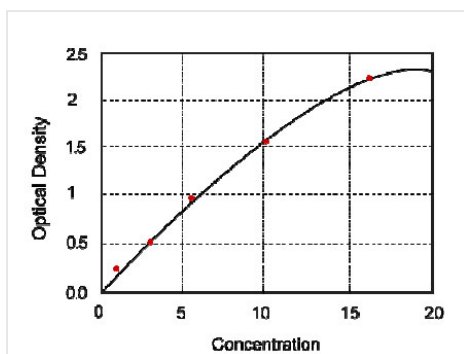
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1242
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-30ng/ml
Sensitivity	0.031ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IRS-1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse IRS-1 antibody. IRS-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse IRS-1 Antibody is added and binds to IRS-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IRS-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse IRS-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Insulin receptor substrate 1 (also known as IRS-1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031805
NCBI GeneID	3667
NCBI Accession #	NP_005535.1
NCBI GenBank Nucleotide #	NM_005544.2
UniProt Accession #	P35568
Molecular Weight	131,591 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	HIRS-1
NCBI Protein Information	insulin receptor substrate 1
UniProt Protein Name	Insulin receptor substrate 1
UniProt Gene Name	IRS1
UniProt Synonym Gene Names	IRS-1

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/mouse-elisa-kits/insulin-receptor-substrate-1-irs-1/43359>