

Human Insulin receptor substrate 2, IRS-2 ELISA Kit | IRS-2 elisa kit

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CATALOG #
AAA41792

REACTIVITY
Human

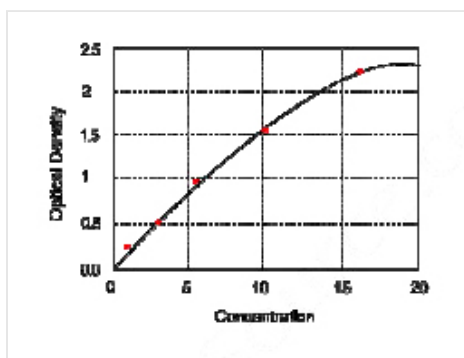
PRODUCT SYNONYMS

Insulin receptor substrate 2; IRS-2; Human Insulin receptor substrate 2; IRS-2 ELISA Kit; IRS-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1338
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml-70ng/ml
Sensitivity	0.099ng/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-2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Inositol Triphosphate (also known as IP3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IP3 antibody. IP3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IP3 Antibody is added and binds to IP3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IP3 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 human IP3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38683860
NCBI GeneID	8660
NCBI Accession #	NP_003740.2
NCBI GenBank Nucleotide #	NM_003749.2
UniProt Accession #	Q9Y4H2; Q96RR2; Q9BZG0; Q9Y6I5
Molecular Weight	137,334 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

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/human-elisa-kits/insulin-receptor-substrate-2-irs-2/41792>