

Rat Insulin Receptor, INSR ELISA Kit | INSR elisa kit

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CATALOG #
AAA42443

REACTIVITY
Rat

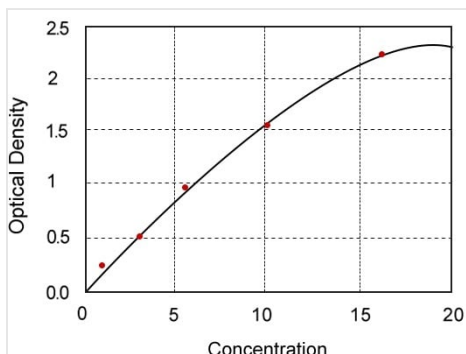
PRODUCT SYNONYMS

Insulin Receptor; INSR; Rat Insulin Receptor; INSR ELISA Kit; INSR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1382
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 150ng/ml
Sensitivity	0.26ng/ml
Intra-Assay	CV<8%
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 INSR elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Insulin Receptor (also known as INSR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat INSR antibody. INSR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat INSR Antibody is added and binds to INSR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated INSR 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 Rat INSR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386830
NCBI GeneID	3643
UniProt Accession #	P06213; Q17RW0; Q59H98; Q9UCB7; Q9UCB8; Q9UCB9
Molecular Weight	155,146 Da
NCBI Official Full Name	insulin receptor
NCBI Official Synonym Full Names	insulin receptor
NCBI Official Symbol	INSR
NCBI Official Synonym Symbols	HHF5; CD220
NCBI Protein Information	insulin receptor
UniProt Protein Name	Insulin receptor
UniProt Gene Name	INSR
UniProt Synonym Gene Names	IR

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/rat-elisa-kits/insulin-receptor-insr/42443>