

Rat Insulin receptor ELISA Kit | Insr elisa kit

Rat Insulin receptor ELISA Kit

CATALOG #
AAA190518

REACTIVITY
Rat

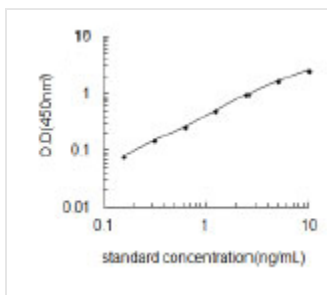
PRODUCT SYNONYMS

Insulin receptor; Rat Insulin receptor ELISA Kit; IR; Insr; 2.7.10.1; CD220; Insr elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Insulin receptor,IR
Sequence Length	1383
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.159 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.8%
Inter-assay Precision	Inter-Assay CV: <=7.1%
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 Insr 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124531
NCBI GeneID	24954
UniProt Accession #	P15127; P97681
Molecular Weight	155,553 Da
NCBI Official Full Name	Insulin receptor
NCBI Official Synonym Full Names	insulin receptor
NCBI Official Symbol	Insr
NCBI Protein Information	insulin receptor
UniProt Protein Name	Insulin receptor
UniProt Gene Name	Insr
UniProt Synonym Gene Names	IR
UniProt Entry Name	INSR_RAT

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://www.aaabiotech.com/insr-rat-elisa-kits/insulin-receptor/190518>