

Rat gp130 ELISA Kit | gp130 elisa kit

Rat gp130 (Glucoprotein 130) ELISA Kit

CATALOG #
AAA165479

REACTIVITY
Rat

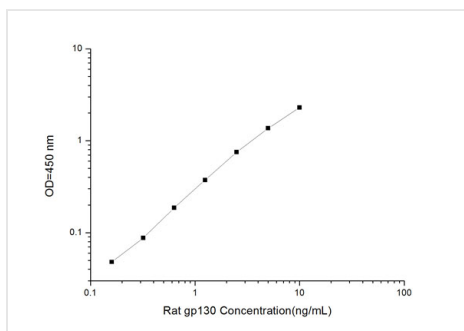
PRODUCT SYNONYMS

gp130; Rat gp130 (Glucoprotein 130) ELISA Kit; gp130 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat gp130. No significant cross-reactivity or interference between Rat gp130 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat gp130 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	49
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for gp130 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of gp130 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat gp130. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat gp130 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat gp130, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat gp130. You can calculate the concentration of Rat gp130 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1246098
NCBI GeneID	3572
UniProt Accession #	P40189; Q5FC04; Q9UQ41; A0N0L4
Molecular Weight	96,276 Da
NCBI Official Full Name	gp130, partial
NCBI Official Synonym Full Names	interleukin 6 signal transducer
NCBI Official Symbol	IL6ST
NCBI Official Synonym Symbols	CD130; GP130; CDW130; IL-6RB
NCBI Protein Information	interleukin-6 receptor subunit beta; CD130 antigen; IL-6 receptor subunit beta; IL-6R subunit beta; gp130 of the rheumatoid arthritis antigenic peptide-bearing soluble form; gp130, oncostatin M receptor; interleukin receptor beta chain; membrane glycoprotein 130; membrane glycoprotein gp130; oncostatin-M receptor subunit alpha
UniProt Protein Name	Interleukin-6 receptor subunit beta
UniProt Gene Name	IL6ST
UniProt Synonym Gene Names	IL-6 receptor subunit beta; IL-6R subunit beta; IL-6R-beta; IL-6RB; gp130
UniProt Entry Name	IL6RB_HUMAN

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/gp130/165479>