

Human glycoprotein 130, gp130 ELISA Kit | gp130 elisa kit

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CATALOG #
AAA80473

REACTIVITY
Human

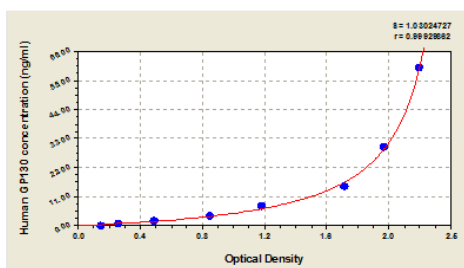
PRODUCT SYNONYMS

glycoprotein 130; gp130; Human glycoprotein 130; gp130 ELISA Kit; gp130 ELISA KIT; gp130 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human gp 130. No significant cross-reactivity or interference between human gp 130 and analogues was observed.
Sequence Length	49
Samples	Serum, plasma, tissue homogenates, saliva, urine.
Assay Type	Sandwich
Detection Range	0.938 ng/ml -60 ng/ml.
Sensitivity	0.516 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for gp130 elisa kit

Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for gp130 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any gp130 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for gp130 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of gp130 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1246098
NCBI GeneID	3572
UniProt Accession #	Q13514; P40189
Molecular Weight	5,511 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-6R subunit beta; membrane glycoprotein 130; IL-6 receptor subunit beta; membrane glycoprotein gp130; gp130, oncostatin M receptor; interleukin receptor beta chain; oncostatin-M receptor subunit alpha; gp130 of the rheumatoid arthritis antigenic peptide-bearing soluble form
UniProt Protein Name	Gp130
UniProt Gene Name	gp130
UniProt Entry Name	Q13514_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/human-elisa-kits/glycoprotein-130-gp130/80473>