

Human Gp130/IL6ST ELISA Kit | IL6ST elisa kit

Human Gp130/IL6ST PicoKine ELISA Kit

CATALOG #
AAA45543

REACTIVITY
Human

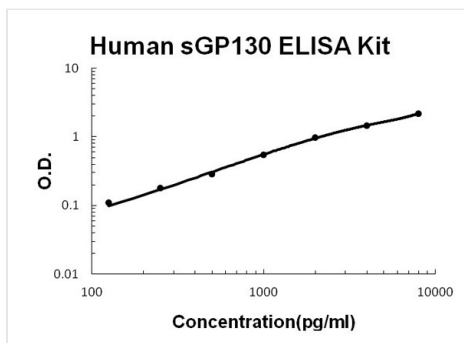
PRODUCT SYNONYMS

Gp130/IL6ST; Human Gp130/IL6ST PicoKine ELISA Kit; Interleukin-6 receptor subunit beta; interleukin 6 signal transducer; CD130 antigen; CDw130; gp130; IL6 R beta; Interleukin 6 receptor subunit beta; Interleukin 6 signal transducer; Membrane glycoprotein 130; Oncostatin M receptor alpha subunit; IL6ST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human sGP130
Sequence Length	918
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Assay Type	Sandwich
Detection Range	125pg/ml-8000pg/ml
Sensitivity	< 10pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human Gp130/IL6ST PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL6ST elisa kit	Principle of the assay: human GP130 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for GP130 has been precoated onto 96-well plates. Standards(sf21,L24-E619) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for GP130 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human GP130 amount of sample captured in plate. Background: GP130(Glycoprotein 130) also known as IL6ST or CD130, is a transmembrane protein which is the founding member of the class of all cytokine receptors. The GP130 gene is mapped on 5q11.2. Gp130 showed an apparent molecular mass of 130 kD by SDS-PAGE. Gp130 is involved in the formation of high-affinity IL6-binding sites and in IL6 signal transduction. Sgp130 has a role in modulating signals transduced by membrane-bound gp130. Gp130 is an important part of many different types of signaling complexes.Gp130 molecules with mutations in either of these segments could not transduce a growth signal.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	215273999
NCBI GeneID	3572
UniProt Accession #	P40189; Q5FC04; Q9UQ41; A0N0L4
Molecular Weight	96,276 Da
NCBI Official Full Name	Interleukin-6 receptor subunit beta
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	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.