

Mouse Interleukin-6 Receptor Subunit Beta, Il6st ELISA Kit | Il6st elisa kit

Mouse Interleukin-6 Receptor Subunit Beta, Il6st Primacu ELISA Kit

CATALOG #
AAA124363

REACTIVITY
Mouse

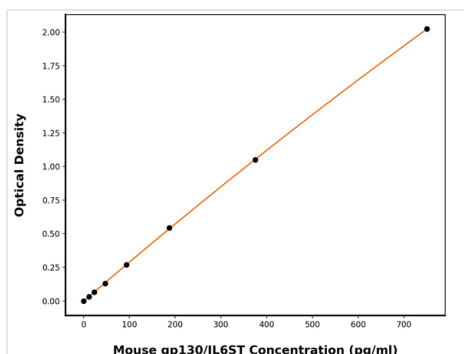
PRODUCT SYNONYMS

Interleukin-6 Receptor Subunit Beta; Il6st; Mouse Interleukin-6 Receptor Subunit Beta; Il6st Primacu ELISA Kit; Interleukin-6 receptor subunit beta; gp130; Il6st elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	11.72-750pg/mL
Sensitivity	2.7pg/mL
Standard Solution	7.5ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for Il6st elisa kit

Glycoprotein 130 (also known as gp130, IL6ST, IL6-beta, or CD130) is a transmembrane protein that is the founding member of the class of all cytokine receptors. CD130/gp130 is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and Oncostatin M (OSM). CD130/gp130 functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. CD130/gp130 plays a critical role in regulating myocyte apoptosis. Alternatively, spliced transcript variants encoding distinct isoforms have been described. A related pseudogene has been identified on chromosome 17. The receptor systems for IL6, LIF, OSM, CNTF, IL11, CTF1, and BSF3 can utilize gp130 for initiating signal transmission. CD130/gp130 binds to IL6/IL6R (alpha chain) complex, resulting in the formation of high-affinity IL6 binding sites, and transduces the signal. CD130/gp130 may have a role in embryonic development. The type I OSM receptor is capable of transducing OSM-specific signaling events.

Product Categories/Family for Il6st elisa kit	Primacu ELISA Kit; Cancer; Cell biology; Immunology; Cardiovascular; Epigenetics and nuclear signaling
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225007625
NCBI GeneID	16195
NCBI Accession #	NP_034690.3
NCBI GenBank Nucleotide #	NM_010560.3
UniProt Accession #	Q00560; G5E8D2
Molecular Weight	102,451 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; AA389424; BB405851; D13Ertd699e; 5133400A03Rik
NCBI Protein Information	interleukin-6 receptor subunit beta
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_MOUSE

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/mouse-elisa-kits/interleukin-6-receptor-subunit-beta-il6st/124363>