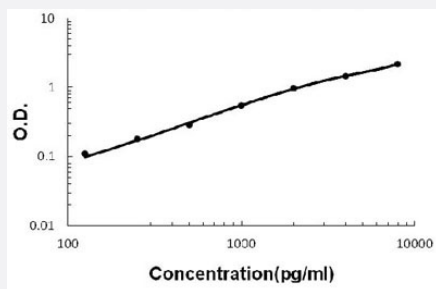


IL6ST (Human) ELISA Kit

Catalog # KA6154 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	IL6ST (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human IL6ST in cell culture supernates, serum and plasma (heparin, EDTA, citrate).
Suitable Sample	Cell Culture Supernates, Plasma (Citrate, EDTA, Heparin) and Serum.
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	125 to 8000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — IL6ST

Entrez GeneID [3572](#)

Protein Accession# [P40189](#)

Gene Name IL6ST

Gene Alias CD130, CDw130, GP130, GP130-RAPS, IL6R-beta

Gene Description interleukin 6 signal transducer (gp130, oncostatin M receptor)

Omim ID [600694](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice suggested a critical role of the gene encoding this protein in regulating myocyte apoptosis. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]

Other Designations CD130 antigen|IL6ST nirs variant 3|OTTHUMP00000122545|gp130 of the rheumatoid arthritis antigenic peptide-bearing soluble form|gp130 transducer chain|interleukin 6 signal transducer|interleukin receptor beta chain|membrane glycoprotein gp130|oncostatin M

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Arthritis](#)
- [Atherosclerosis](#)

- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chronic Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hyperandrogenism](#)
- [Hypertension](#)
- [Lymphoproliferative Disorders](#)
- [Metabolic Syndrome X](#)
- [Multiple Myeloma](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Ovarian Neoplasms](#)
- [Periodontitis](#)
- [Thyroid Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)