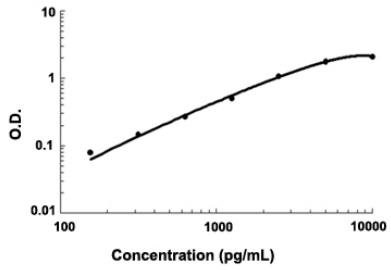
IL27 (Human) ELISA Kit

Catalog # KA3327 Size 1 Kit

Applications



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

Specification

Product Description	IL27 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human IL27.
Suitable Sample	Cell Culture Supernate Plasma, Serum Should Be Validated By End Users
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of demonstration 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.

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Applications

- Quantification

Gene Info — IL27

Entrez GeneID	246778
Gene Name	IL27
Gene Alias	IL-27, IL-27A, IL27p28, IL30, MGC71873, p28
Gene Description	interleukin 27
Omim ID	608273
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is one of the subunits of a heterodimeric cytokine complex. This protein is related to interleukin 12A (IL12A). It interacts with Epstein-Barr virus induced gene 3 (EBI3), a protein similar to interleukin 12B (IL12B), and forms a complex that has been shown to drive rapid expansion of naive but not memory CD4(+) T cells. The complex is also found to synergize strongly with interleukin 12 to trigger interferon gamma (IFNG) production of naive CD4(+) T cells. The biological effects of this cytokine are mediated by the class I cytokine receptor (WSX1/TCRR). [provided by RefSeq
Other Designations	IL-27 p28 subunit|OTTHUMP00000122516|interleukin 30|interleukin-27 subunit alpha

Disease

- Asthma
- Brain Neoplasms
- Bronchiolitis
- Colitis
- Crohn Disease
- Diabetes Mellitus
- Genetic Predisposition to Disease

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- Glioma
- Infant
- Inflammatory Bowel Diseases
- Nasopharyngeal Neoplasms
- Pulmonary Disease
- Respiratory Syncytial Virus Infections

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