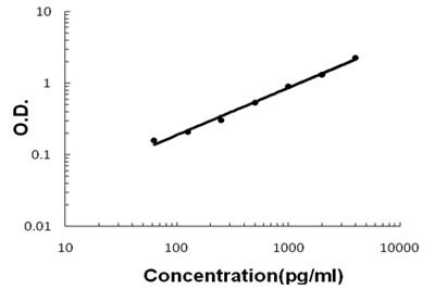
IL29 (Human) ELISA Kit

Catalog # KA6164 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	IL29 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human IL29 in cell culture supernates, cell lysates, serum and plasma (heparin, EDTA).
Suitable Sample	Cell Culture Supernates, Cell Lysates, Plasma (EDTA, Heparin) and Serum.
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	62.5 to 4000 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.

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Applications

- Quantification

Gene Info — IL29

Entrez GeneID	282618
Protein Accession#	Q8IU54
Gene Name	IL29
Gene Alias	IFNL1, IL-29
Gene Description	interleukin 29 (interferon, lambda 1)
Omim ID	607403
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 28B (IL28B) are three closely related cytokine genes that form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection. All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA). [provided by RefSeq
Other Designations	interferon, lambda 1|interleukin 29

Pathway

- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway

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