

Human IL-12 p70 ELISA Kit | IL-12p70 elisa kit

Human IL-12 p70 ELISA Kit

CATALOG # AAA332549	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

PRODUCT SYNONYMS

IL-12 p70; Human IL-12 p70 ELISA Kit; IL12; IL 12; IL-12; CLMF p35; Cytotoxic lymphocyte maturation factor 35 kDa subunit; IL12 p70; IL-12 subunit p35; subunit p35; interleukin 12; p35; interleukin 12A (natural killer cell stimulatory factor 1; cytotoxic lymphocytematuration factor 1; p35); interleukin-12 alpha chain; IL-12p70 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human IL-12 p70 ELISA Kit has high sensitivity and excellent specificity for detection of Human IL-12. No significant cross-reactivity or interference between Human IL-12 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	7.8 pg/mL-500 pg/mL
Sensitivity	4 pg/mL
Applicable Applications for IL-12p70 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-12p70 elisa kit	Principle of the Assay: Interleukin 12 p70 (IL-12 p70) is an interleukin that is naturally produced by dendritic cells, macrophages and human B-lymphoblastoid cells in response to antigenic stimulation. IL-12 is composed of a bundle of four alpha helices. It is a heterodimeric cytokine encoded by two separate genes, IL-12A (p35) and IL-12B (p40). Human IL-12 p70 ELISA Kit employs a double antibody sandwich method to quantitate Human IL-12 in samples. An antibody specific for Human IL-12 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human IL-12 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Human IL-12 is added to the wells. After washing, proprietary Streptavidin-HRP conjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450nm wavelength. The IL-12 concentration is proportional to the OD450 nm value.
--	---

Product Categories/Family for IL-12p70 elisa kit	ELISA Assay Kit; Protein
--	--------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430219
NCBI GeneID	3592
NCBI Accession #	NP_000873.2
NCBI GenBank Nucleotide #	NM_000882.3
UniProt Accession #	P29459; Q96QZ1
Molecular Weight	24,874 Da
NCBI Official Full Name	interleukin-12 subunit alpha
NCBI Official Synonym Full Names	interleukin 12A
NCBI Official Symbol	IL12A
NCBI Official Synonym Symbols	P35; CLMF; NFSK; NKSF1; IL-12A
NCBI Protein Information	interleukin-12 subunit alpha; CLMF p35; IL35 subunit; IL-12, subunit p35; interleukin 12, p35; interleukin-12 alpha chain; NF cell stimulatory factor chain 1; NK cell stimulatory factor chain 1; cytotoxic lymphocyte maturation factor 1, p35; cytotoxic lym
UniProt Protein Name	Interleukin-12 subunit alpha
UniProt Gene Name	IL12A
UniProt Synonym Gene Names	NKSF1; IL-12A; CLMF p35; NKSF1
UniProt Entry Name	IL12A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/il-12p70-human-elisa-kits/il-12-p70/332549>