

Human IL-12(P70) ELISA Kit | IL-12(P70) elisa kit

Human IL-12(P70) PicoKine Quick ELISA Kit

CATALOG # AAA128054	REACTIVITY Human	APPLICATIONS ELISA
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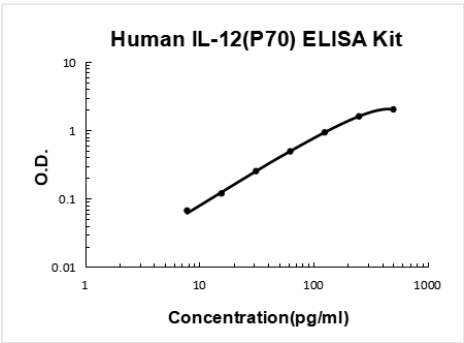
PRODUCT SYNONYMS

IL-12(P70); Human IL-12(P70) PicoKine Quick ELISA Kit; IL-12(P70) elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants and serum
Assay Range	7.8pg/ml-500pg/ml
Sensitivity	<2pg/ml
Capture antibody and Detection antibody	monoclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: (I23-S328) + (R23-S219)
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for IL-12(P70) elisa kit	ELISA
Kit Components	Description/Quantity/Volume Pre-coated 96-well Strip Microplate/1/12 strips of 8 wells Standard/2, 10 ng/tube HRP-Linked Antibody/1/6ml Sample Diluent/1/15ml TBS-T Wash Buffer (25x)/1/12ml Color Developing Reagent (TMB)/1/10ml Stop Solution/1/10ml Adhesive plate sealers/2/Piece
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Automated plate washer (optional) Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution. Horizontal orbital microplate shaker capable of maintaining a speed of 500rpm, amplitude 3mm.
Sample Data	Concentration(pg/ml)07.815.631.362.51252505000.D.0.0210.0880.1400.2740.5130.9531.6202.044
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)18512941955310Standard deviation1.313.4117.381.673.7921.39CV (%)7.3%6.7%5.2%8.8%6.9%6.9%
Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 118182017181.086%Sample 251596054563.676.5%Sample 32942902842962914.581.5%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
Human IL-12(P70) PicoKine Quick ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL-12(P70) elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for IL-12(P70) elisa kit	Quick ELISA Kits

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.