

Human IL-17D ELISA Kit | IL-17D elisa kit

Human IL-17D ELISA Kit PicoKine

CATALOG # AAA127954	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

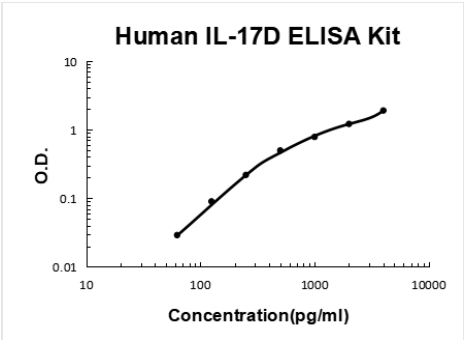
IL-17D; Human IL-17D ELISA Kit PicoKine; IL-17D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	62.5pg/ml-4,000pg/ml
Sensitivity	<30pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: E coli; Immunogen sequence: A16-P202
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for IL-17D elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. 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.
Sample Data	Concentration(pg/ml)062.51252505001,0002,0004,000O.D.0.0290.0580.1190.2480.5270.8141.2441.936
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)6715712261061911576Standard deviation4.478.0425.622.8711.2971.87CV(%)6.7%5.1%2.1%2.7%5.9%4.6%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 167668867721.542.1%Sample 21571851891401689.965.7%Sample 31226137817111846154074.094.8%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human IL-17D PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL-17D 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-17D elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923715
NCBI GeneID	53342
NCBI Accession #	NP_612141.1
NCBI GenBank Nucleotide #	NM_138284.1
UniProt Accession #	Q8TAD2 ; B1AM69
Molecular Weight	21,893 Da
NCBI Official Full Name	interleukin-17D
NCBI Official Synonym Full Names	interleukin 17D
NCBI Official Symbol	IL17D
NCBI Official Synonym Symbols	IL27; IL-27; IL-17D
NCBI Protein Information	interleukin-17D; interleukin 27
UniProt Protein Name	Interleukin-17D
UniProt Gene Name	IL17D
UniProt Synonym Gene Names	IL27; IL-17D; IL-27
UniProt Entry Name	IL17D_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/il-17d/127954>