

Interleukin-34 ELISA Kit | IL34 elisa kit

Human IL-34 PicoKine ELISA Kit

CATALOG #
AAA46120

REACTIVITY
Human. There is no detectable cross-reactivity with other relevant proteins.

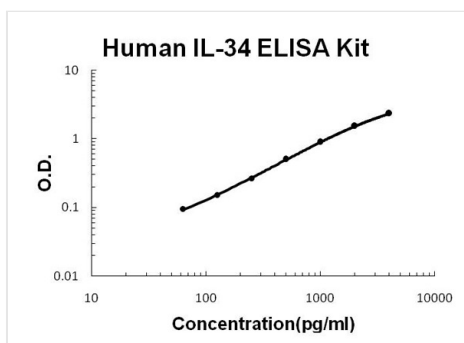
PRODUCT SYNONYMS

Interleukin-34; Human IL-34 PicoKine ELISA Kit; C16orf77; Chromosome 16 open reading frame 77; FPT025; IL 34; IL-34; IL34; IL34_HUMAN; Interleukin 34; Interleukin34; MGC34647; interleukin 34; IL34 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human. There is no detectable cross-reactivity with other relevant proteins.
Sequence Length	241
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Sensitivity	<10pg/ml
Immunogen	E.coli, N21-P242
Intra-Assay Precision	Sample 1: n=16; Mean(pg/ml): 514; Standard deviation: 23.13; CV(%): 4.5 Sample 2: n=16; Mean(pg/ml): 1680; Standard deviation: 65.52; CV(%): 3.9 Sample 3: n=16; Mean(pg/ml): 2641; Standard deviation: 97.72; CV(%): 3.7
Inter-Assay Precision	Sample 1: n=24; Mean(pg/ml): 535; Standard deviation: 33.17; CV(%): 6.2 Sample 2: n=24; Mean(pg/ml): 1693; Standard deviation: 103.3; CV(%): 6.1 Sample 3: n=24; Mean(pg/ml): 2709; Standard deviation: 130; CV(%): 4.8
Assay Range	62.5pg/ml-4000pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human IL-34 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL34 elisa kit	Description: Sandwich ELISA kit of Quantitative Detection for Human IL-34 Background: Interleukin-34, or IL-34 is a protein belonging to a group of cytokines called interleukins. It is mapped to 16q22.1. The discovery of IL-34 protein in the red pulp of the spleen suggests involvement in growth and development of myeloid cells, consistent with its activity on monocytes. IL-34 is a recently discovered cytokine that acts on tissue resident macrophages and Langerhans cells upon binding the receptor for CSF-1, CSF-1R. It also can promote the differentiation and viability of monocytes and macrophages through the colony-stimulating factor-1 receptor. In addition, it promotes the development, survival, and function of microglia and Langerhans cells, therefore, this cytokine may predominately function in brain and skin biology.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289666750
NCBI GeneID	146433
NCBI Accession #	NP_001166242.1
NCBI GenBank Nucleotide #	NM_001172771.1
UniProt Accession #	Q6ZMJ4; Q8N6L2; B2RC28; B2Z4A8; B2ZC70
Molecular Weight	27,354 Da
NCBI Official Full Name	interleukin-34 isoform 2
NCBI Official Synonym Full Names	interleukin 34
NCBI Official Symbol	IL34
NCBI Official Synonym Symbols	IL-34; C16orf77
NCBI Protein Information	interleukin-34
UniProt Protein Name	Interleukin-34
UniProt Gene Name	IL34
UniProt Synonym Gene Names	C16orf77; IL-34
UniProt Entry Name	IL34_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/il34-human-elisa-kits/interleukin-34/46120>