

Interleukin-34 ELISA Kit | IL34 elisa kit

Mouse IL-34 PicoKine ELISA Kit

CATALOG #
AAA46118

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

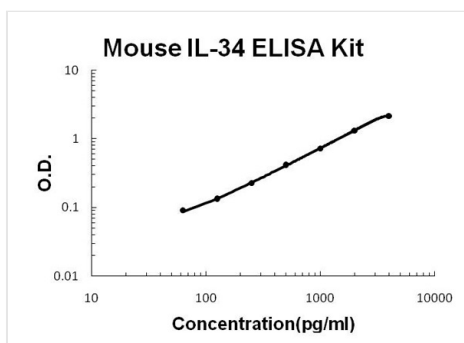
PRODUCT SYNONYMS

Interleukin-34; Mouse 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	Mouse. There is no detectable cross-reactivity with other relevant proteins.
Sequence Length	235
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Sensitivity	<10pg/ml
Immunogen	E.coli, N21-P235
Intra-Assay Precision	Sample 1: n=16; Mean(pg/ml): 675; Standard deviation: 28.35; CV(%): 4.2 Sample 2: n=16; Mean(pg/ml): 1810; Standard deviation: 66.97; CV(%): 3.7 Sample 3: n=16; Mean(pg/ml): 2944; Standard deviation: 103; CV(%): 3.5
Inter-Assay Precision	Sample 1: n=24; Mean(pg/ml): 792; Standard deviation: 51.48; CV(%): 6.5 Sample 2: n=24; Mean(pg/ml): 1948; Standard deviation: 103.2; CV(%): 5.3 Sample 3: n=24; Mean(pg/ml): 3107; Standard deviation: 152.2; CV(%): 4.9
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)

Mouse IL-34 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL34 elisa kit	Description: Sandwich ELISA kit of Quantitative Detection for Mouse 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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	205360952
NCBI GeneID	76527
NCBI Accession #	NP_001128572.1
NCBI GenBank Nucleotide #	NM_001135100.2
UniProt Accession #	Q8R1R4; Q9D8F2; B2ZC71; B2ZC72
Molecular Weight	26,636 Da
NCBI Official Full Name	interleukin-34 isoform 1
NCBI Official Synonym Full Names	interleukin 34
NCBI Official Symbol	IL34
NCBI Official Synonym Symbols	AI593503; 2010004A03Rik
NCBI Protein Information	interleukin-34
UniProt Protein Name	Interleukin-34
UniProt Gene Name	IL34
UniProt Synonym Gene Names	IL-34
UniProt Entry Name	IL34_MOUSE

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/il34-mouse-elisa-kits/interleukin-34/46118>