

## Human IL-34 AccuSignal ELISA Kit - KOA0826

**Code:** KOA0826

**Size:** 1 Kit

**Product Description:** Human IL-34 AccuSignal ELISA Kit - KOA0826

**PhysicalState:**

<b>Label</b>	Unconjugated
<b>Gene Name</b>	IL34
<b>Species Reactivity</b>	Human
<b>Storage Condition</b>	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
<b>Synonyms</b>	C16orf77, Chromosome 16 open reading frame 77, FPT025, IL 34, IL-34, IL34, IL34_HUMAN, Interleukin 34, Interleukin-34, Interleukin34, MGC34647
<b>Application Note</b>	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 4000pg/ml, 2000pg/ml, 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml human IL-34 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each human IL-34 standard solution and each sample be measured in duplicate.
<b>Background</b>	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.
<b>Purity And Specificity</b>	Natural and recombinant human IL-34. There is no detectable cross-reactivity with other relevant proteins.
<b>ELISA</b>	62.5pg/ml-4000pg/ml
<b>Expiration</b>	See kit insert for complete instructions.
<b>Immunogen</b>	Expression system for standard: E.coli; Immunogen sequence: N21-P242
<b>Anti-Coagulant</b>	Heparin Sodium

**Related Products**

600-401-C06	Anti-IL-34 (Rabbit) Antibody - 600-401-C06
MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013

**Related Links**

	UniProtKB - Q6ZMJ4
	<a href="http://www.uniprot.org/uniprot/Q6ZMJ4">http://www.uniprot.org/uniprot/Q6ZMJ4</a>
	NCBI - <a href="http://www.ncbi.nlm.nih.gov/protein/NP_001166242.1">http://www.ncbi.nlm.nih.gov/protein/NP_001166242.1</a>
	GeneID - 146433
	<a href="http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&amp;term=146433">http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&amp;term=146433</a>

## **Disclaimer**

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