Interleukin 17e (IL-17E) ELISA Kit for Duck

PRODUCT OVERVIEW

Product Name	Interleukin 17E (IL-17E), ELISA Kit
Full Product Name	Duck Interleukin 17E ELISA Kit
Product Gene Name	IL-17E elisa kit
Species Reactivity	Duck
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	20,330 Da
OMIM	605658
3D Structure	ModBase 3D Structure for Q9H293
Related Product Information for IL-17E elisa kit	MBS063161 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Interleukin 17E (IL-17E) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing IL-17E. The ELISA analytical biochemical technique of the MBS063161 kit is based on IL-17E antibody-IL-17E antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect IL-17E antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, IL-17E. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of IL-17E elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL-17E. It may not necessarily be applicable to this product.

NCBI GI #	27477081
NCBI GeneID	64806
NCBI Accession #	NP_758525.1
UniProt Primary Accession #	Q9H293
UniProt Secondary Accession #	Q2M3F0; Q8IZV3; Q8WXB0
UniProt Related Accession #	Q9H293
GenBank Nucleotide #	NM_172314.1
NCBI Official Full Name	interleukin-25 isoform 2
NCBI Official Synonym Full Names	interleukin 25
NCBI Official Symbol	IL25
NCBI Official Synonym Symbols	IL17E
UniProt Protein Name	Interleukin-25
UniProt Synonym Protein Names	Interleukin-17E
Protein Family	Interleukin

UniProt Gene Name	IL25
UniProt Synonym Gene Names	IL17E; IL-25; IL-17E
UniProt Entry Name	IL25_HUMAN
NCBI Protein Information	interleukin-25; interleukin-17E
NCBI Summary for IL-17E	The protein encoded by this gene is a cytokine that shares sequence similarity with interleukin 17. This cytokine can induce NF-kappaB activation, and stimulate the production of interleukin 8. Both this cytokine and interleukin 17B are ligands for the cytokine receptor IL17BR. Studies of a similar gene in mice suggest that this cytokine may be a pro-inflammatory cytokine favoring the Th2-type immune response. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]
UniProt Comments for IL-17E	IL25: Induces activation of NF-kappa-B and stimulates production of the proinflammatory chemokine IL-8. Proinflammatory cytokine favoring Th2-type immune responses. Belongs to the IL-17 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Cytokine; Secreted Chromosomal Location of Human Ortholog: 14q11.2 Cellular Component: extracellular space Molecular Function: cytokine activity; interleukin-17E receptor binding Biological Process: response to fungus; inflammatory response to antigenic stimulus; response to nematode; eosinophil differentiation; positive regulation of transcription from RNA polymerase II promoter
Research Articles on IL-17E	**1.** Patients with the 'IL-5, IL-17A, IL-25-high' airway inflammatory pattern are often uncontrolled asthmatics, despite daily treatment.
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