

Human IL-5 DIY ELISA Kit | IL5 diy elisa kit

Human IL-5 ELISA Kit EZ-Set (DIY Antibody Pairs)

CATALOG # AAA126764	REACTIVITY Human	APPLICATIONS ELISA
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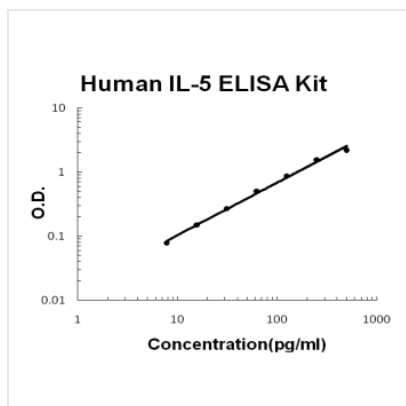
PRODUCT SYNONYMS

IL-5; Human IL-5 ELISA Kit EZ-Set (DIY Antibody Pairs); Interleukin-7; IL-7; Interleukin-5; IL5 diy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum, plasma (heparin, EDTA) and urine.
Detection Range	7.8pg/ml-500pg/ml
Sensitivity	<2pg/ml
Anticoagulant	heparin or EDTA
Subcellular Localization	Secreted.
Applicable Applications for IL5 diy elisa kit	ELISA
Immunogen	Expression system for standard: sf21; Immunogen sequence: I20-S134
Protein Function	Factor that induces terminal differentiation of late- developing B-cells to immunoglobulin secreting cells.
Sequence Similarity	Belongs to the IL-5 family.
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-5 EZ Set ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL5 diy elisa kit	Interleukin-5 (IL-5) is also known as eosinophil differentiation factor (EDF). IL-5 is a potential candidate gene in the pathogenesis of asthma, as it is the main cytokine controlling eosinophil activity and eosinophils are pivotal in the development of airway inflammation. The predicted amino acid sequence of 134 amino acids is identical with that recently reported for human interleukin-5 but shows no significant homology with other known hemopoietic growth regulators. IL-5 is a lineage-specific hematopoietic growth factor that stimulates the production of eosinophils and eosinophil colonies from normal human bone marrow cells. IL-5 gene to human chromosome 5 at bands q23-31. Human and mouse of IL-5 share 70% amino acid sequence homology.
Product Categories/Family for IL5 diy elisa kit	EZ-Set ELISA Kits (Ab Pairs)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504671
NCBI GeneID	3567
NCBI Accession #	NP_000870.1
NCBI GenBank Nucleotide #	NM_000879.2
UniProt Accession #	P05113 ; Q13840
Molecular Weight	15,238 Da
NCBI Official Full Name	interleukin-5
NCBI Official Synonym Full Names	interleukin 5
NCBI Official Symbol	IL5
NCBI Official Synonym Symbols	EDF; TRF; IL-5
NCBI Protein Information	interleukin-5; B-cell differentiation factor I; T-cell replacing factor; colony-stimulating factor, eosinophil; eosinophil differentiation factor
UniProt Protein Name	Interleukin-5
UniProt Gene Name	IL5
UniProt Synonym Gene Names	IL-5; TRF
UniProt Entry Name	IL5_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://www.aaabiotech.com/il5-human-diy-elisa-kits/il-5/126764>