

Rabbit Interleukin-5 ELISA Kit | IL5 elisa kit

Rabbit Interleukin-5 (IL5) ELISA Kit

CATALOG # AAA55844	REACTIVITY Rabbit
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PRODUCT SYNONYMS

Interleukin-5; Rabbit Interleukin-5 (IL5) ELISA Kit; EDF; IL-5; TRF; B cell differentiation factor I|T-cell replacing factor|eosinophil differentiation factor|interleukin 5|interleukin-5; IL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of Rabbit IL5. No significant cross-reactivity or interference between Rabbit IL5 and analogues was observed.
Sequence Length	134
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IL5 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL5 in samples. An antibody specific for IL5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyIL5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL5 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL5 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504671
NCBI GeneID	3567
NCBI Accession #	NP_000870.1
NCBI GenBank Nucleotide #	NM_000879.2
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
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-rabbit-elisa-kits/interleukin-5/55844>