

Mouse IL-5 ELISA Kit | IL-5 elisa kit

Mouse IL-5 ELISA Kit

CATALOG # AAA332571	REACTIVITY Mouse	APPLICATIONS ELISA
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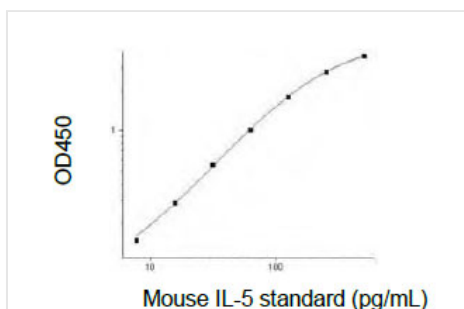
PRODUCT SYNONYMS

IL-5; Mouse IL-5 ELISA Kit; IL 5; IL5; IL-5T-cell replacing factor; interleukin-5; TRF; TRFB cell differentiation factor I; IL-5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse IL-5 ELISA Kit has high sensitivity and excellent specificity for detection of MouseIL-5. No significant cross-reactivity or interference between Mouse IL-5 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	7.82 pg/mL - 500 pg/mL
Sensitivity	4 pg/mL
Applicable Applications for IL-5 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-5 elisa kit	Principle of the Assay: Mouse IL-5 gene encodes a cytokine that acts as a growth and differentiation factor for both B cells and eosinophils. The encodedcytokine plays a major role in the regulation of eosinophil formation, maturation, recruitment and survival.Mouse IL-5ELISA Kit employs a double antibody sandwich method to quantitate Mouse IL-5 in samples. An antibody specific for Mouse IL-5has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Mouse IL-5 present is boundby the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Mouse IL-5 isadded to the wells. After washing, proprietary Streptavidin-HRP conjugates is added to the wells. Following a wash to remove anyunbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellowafter adding stop solution. Measure the OD value with a microplate reader at 450 nm wavelength. The IL-5 concentration isproportional to the OD450 nm value.
Product Categories/Family for IL-5 elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754336
NCBI GeneID	16191
NCBI Accession #	NP_034688.1
NCBI GenBank Nucleotide #	NM_010558.1
UniProt Accession #	P04401
Molecular Weight	15,410 Da
NCBI Official Full Name	interleukin-5
NCBI Official Synonym Full Names	interleukin 5
NCBI Official Symbol	IL5
NCBI Official Synonym Symbols	IL-5
NCBI Protein Information	interleukin-5; B-cell growth factor II; BCGF-II; T-cell replacing factor; TRF; cytotoxic T-lymphocyte inducer; eosinophil differentiation factor
UniProt Protein Name	Interleukin-5
UniProt Gene Name	IL5
UniProt Synonym Gene Names	IL-5; IL-5; BCGF-II; TRF
UniProt Entry Name	IL5_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.