

Rat Interleukin 5, IL-5 ELISA Kit | IL-5 elisa kit

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CATALOG #
AAA42451

REACTIVITY
Rat

PRODUCT SYNONYMS

Interleukin 5; IL-5; Rat Interleukin 5; IL-5 ELISA Kit; IL-5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	134
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/L - 70ng/L
Sensitivity	0.114ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Interleukin 5 (also known as IL-5) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat IL-5 antibody. IL-5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat IL-5 Antibody is added and binds to IL-5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-5 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat IL-5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386823
NCBI GeneID	3567
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
UniProt Protein Name	Interleukin-5
UniProt Gene Name	IL5
UniProt Synonym Gene Names	IL-5; TRF

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/rat-elisa-kits/interleukin-5-il-5/42451>