

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

Rat IL-5 (Interleukin 5) ELISA Kit

CATALOG #
AAA163914

REACTIVITY
Rat

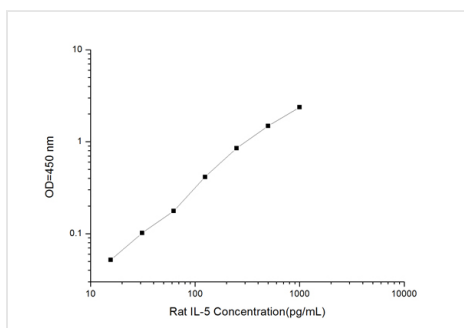
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat IL-5. No significant cross-reactivity or interference between Rat IL-5 and analogues was observed.
Sequence Length	132
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Rat IL-5 concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-5 elisa kit	Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to IL-5. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for IL-5 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain IL-5, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of IL-5. You can calculate the concentration of IL-5 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54019426
NCBI GeneID	24497
NCBI Accession #	NP_068606.1
NCBI GenBank Nucleotide #	NM_021834.1
UniProt Accession #	Q08125
Molecular Weight	15,207 Da
NCBI Official Full Name	interleukin-5
NCBI Official Synonym Full Names	interleukin 5
NCBI Official Symbol	IL5
NCBI Protein Information	interleukin-5; B-cell growth factor II; BCGF-II; IL-5; Interleukin 5 (colony-stimulating factor eosinophil); Interleukin 5 (colony-stimulating factor, eosinophil); 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_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/il-5/163914>