Rat interleukin 3 (colony-stimulating factor, multiple) ELISA Kit | IL3 elisa kit

Rat Interleukin 3, IL-3 ELISA Kit

CATALOG #	REACTIVITY
AAA80693	**Rat**

PRODUCT SYNONYMS

interleukin 3 (colony-stimulating factor; multiple); Rat Interleukin 3; IL-3 ELISA Kit; IL-3 ELISA KIT; IL-3; MCGF; MGC79398; MGC79399; MULTI-CSF; P-cell stimulating factor; hematopoietic growth factor; interleukin 3; mast-cell growth factor; multilineage-colony-stimulating factor; IL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat IL3. No significant cross-reactivity or interference between Rat IL3 and analogues was observed.
Sequence Length	166
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 pg/ml -200 pg/ml
Sensitivity	0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL3 elisa kit	**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL-3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for IL-3 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain IL-3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IL-3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124334
NCBI GeneID	24495
UniProt Accession #	P04823; P70513
Molecular Weight	18,631 Da
NCBI Official Full Name	Interleukin-3
NCBI Official Synonym Full Names	interleukin 3
NCBI Official Symbol	Il3
NCBI Protein Information	interleukin-3; IL-3; MCGF; mast cell growth factor; P-cell-stimulating factor; hematopoietic growth factor; multipotential colony-stimulating factor
UniProt Protein Name	Interleukin-3
UniProt Gene Name	**Il3**
UniProt Synonym Gene Names	Il-3; IL-3; MCGF
UniProt Entry Name	IL3_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.

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Online datasheet: https://stage.aaabiotech.com/il3-rat-elisa-kits/interleukin-3-colony-stimulating-factor-multiple/80693