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

Mouse Interleukin 3, IL-3 ELISA Kit

CATALOG #	REACTIVITY
AAA80576	**Mouse**

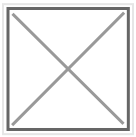
PRODUCT SYNONYMS

interleukin 3 (colony-stimulating factor; multiple); Mouse 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	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse IL-3. No significant cross-reactivity or interference between mouse IL-3 and analogues was observed.
Sequence Length	166
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	7.8 pg/ml -500 pg/ml.
Sensitivity	1.95 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-3 is added to the wells. After washing, avidin 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 IL-3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982791
NCBI GeneID	16187
NCBI Accession #	NP_034686.2
NCBI GenBank Nucleotide #	NM_010556.4
UniProt Accession #	P01586
Molecular Weight	18,540 Da
NCBI Official Full Name	interleukin-3
NCBI Official Synonym Full Names	interleukin 3
NCBI Official Symbol	Il3
NCBI Official Synonym Symbols	BPA; PSF; HCGF; Il-3; MCGF; Csfmu
NCBI Protein Information	interleukin-3; 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	Csfmu; Il-3; IL-3; MCGF
UniProt Entry Name	IL3_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.

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Online datasheet: https://stage.aaabiotech.com/il3-mouse-elisa-kits/interleukin-3-colony-stimulating-factor-multiple/80576