

Hamster interleukin 4 ELISA Kit | IL4 elisa kit

Hamster Interleukin-4, IL4 ELISA Kit

CATALOG #
AAA80968

REACTIVITY
Hamster

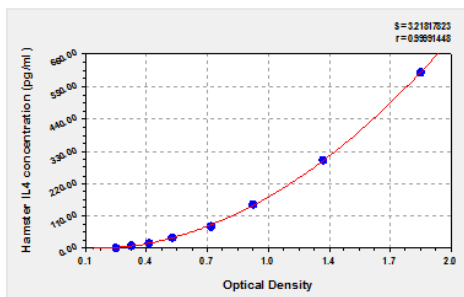
PRODUCT SYNONYMS

interleukin 4; Hamster Interleukin-4; IL4 ELISA Kit; Hamster Interleukin-4 (IL4) ELISA kit; BCGF-1; BCGF1; BSF1; IL-4; MGC79402; B cell growth factor 1; B_cell stimulatory factor 1; lymphocyte stimulatory factor 1; IL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Hamster
Specificity	This assay has high sensitivity and excellent specificity for detection of hamster IL4. No significant cross-reactivity or interference between hamster IL4 and analogues was observed.
Sequence Length	153
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	9.37 pg/ml-600 pg/ml
Sensitivity	< 2.34 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 IL4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL4 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 IL4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1708453
NCBI GeneID	574281
UniProt Accession #	P51492
Molecular Weight	17,451 Da
NCBI Official Full Name	Interleukin-4
NCBI Official Symbol	IL4
NCBI Protein Information	interleukin-4; IL-4; BSF-1; B-cell stimulatory factor 1; lymphocyte stimulatory factor 1
UniProt Protein Name	Interleukin-4
UniProt Gene Name	IL4
UniProt Synonym Gene Names	IL-4; BSF-1
UniProt Entry Name	IL4_MACMU

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.