

Goat interleukin 4 ELISA Kit | IL4 elisa kit

Goat Interleukin 4, IL-4 ELISA Kit

CATALOG #
AAA79540

REACTIVITY
Goat

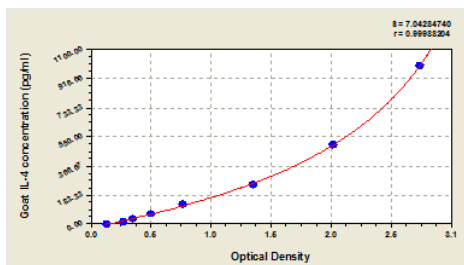
PRODUCT SYNONYMS

interleukin 4; Goat Interleukin 4; IL-4 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	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of goat IL-4. No significant cross-reactivity or interference between goat IL-4 and analogues was observed.
Sequence Length	135
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	15.6 pg/ml -1000 pg/ml.
Sensitivity	3.9 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 IL-4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-4 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-4 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 #	550821962
NCBI GeneID	100860814
NCBI Accession #	NP_001272610.1
NCBI GenBank Nucleotide #	NM_001285681.1
UniProt Accession #	P79155
Molecular Weight	15,137 Da
NCBI Official Full Name	interleukin-4
NCBI Official Symbol	IL4
NCBI Official Synonym Symbols	IL-4; BSF-1
NCBI Protein Information	interleukin-4; 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_CAPHI

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.