

Dog interleukin 4 ELISA Kit | IL4 elisa kit

Dog interleukin 4, IL-4 ELISA Kit

CATALOG #
AAA15295

REACTIVITY
Dog

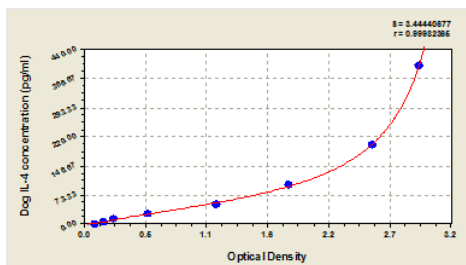
PRODUCT SYNONYMS

interleukin 4; Dog 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	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog IL-4. No significant cross-reactivity or interference between dog IL-4 and analogues was observed.
Sequence Length	132
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	6.25 pg/ml-400 pg/ml.
Sensitivity	Typically less than 1.56 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 #	50978886
NCBI GeneID	403785
NCBI Accession #	NP_001003159.1
NCBI GenBank Nucleotide #	NM_001003159.1
UniProt Accession #	O77762; A1E293
Molecular Weight	15,267 Da
NCBI Official Full Name	interleukin-4
NCBI Official Symbol	IL4
NCBI Official Synonym Symbols	IL-4
NCBI Protein Information	interleukin-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_CANFA

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/il4-dog-elisa-kits/interleukin-4/15295>