

Dog interleukin 10 ELISA Kit | IL10 elisa kit

Dog Interleukin 10, IL-10 ELISA Kit

CATALOG #
AAA80130

REACTIVITY
Dog

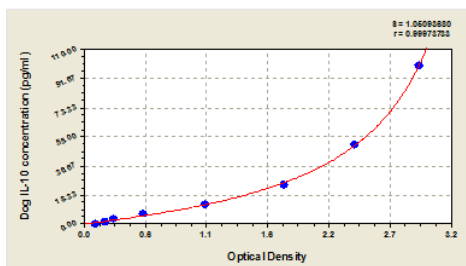
PRODUCT SYNONYMS

interleukin 10; Dog Interleukin 10; IL-10 ELISA Kit; CSIF; IL-10; IL10A; MGC126450; MGC126451; TGIF; cytokine synthesis inhibitory factor; IL10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog IL-10. No significant cross-reactivity or interference between dog IL-10 and analogues was observed.
Sequence Length	181
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.56 pg/ml-100 pg/ml
Sensitivity	< 0.39 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 IL10 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-10 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-10 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55742628
NCBI GeneID	403628
NCBI Accession #	NP_001003077.1
NCBI GenBank Nucleotide #	NM_001003077.1
UniProt Accession #	P48411
Molecular Weight	20,906 Da
NCBI Official Full Name	interleukin-10
NCBI Official Symbol	IL10
NCBI Official Synonym Symbols	IL-10
NCBI Protein Information	interleukin-10; CSIF; cytokine synthesis inhibitory factor
UniProt Protein Name	Interleukin-10
UniProt Gene Name	IL10
UniProt Synonym Gene Names	IL-10; CSIF
UniProt Entry Name	IL10_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://www.aaabiotech.com/il10-dog-elisa-kits/interleukin-10/80130>