

Dog interleukin 13 ELISA Kit | IL13 elisa kit

Dog Interleukin-13, IL13 ELISA Kit

CATALOG #
AAA112917

REACTIVITY
Dog

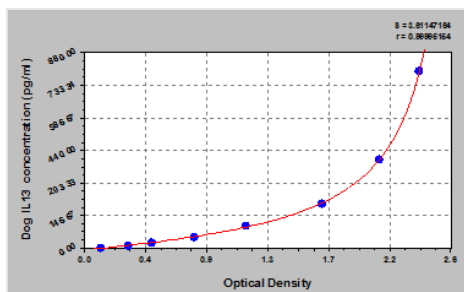
PRODUCT SYNONYMS

interleukin 13; Dog Interleukin-13; IL13 ELISA Kit; Dog Interleukin-13 (IL13) ELISA kit; ALRH; BHR1; IL-13; MGC116786; MGC116788; MGC116789; P600; ; IL13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog IL13. No significant cross-reactivity or interference between dog IL13 and analogues was observed.
Sequence Length	131
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	12.5 pg/ml -800 pg/ml.
Sensitivity	3.12 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 IL13 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL13 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL13 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL13 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 IL13 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 #	50979260
NCBI GeneID	442990
NCBI Accession #	NP_001003384.1
NCBI GenBank Nucleotide #	NM_001003384.1
UniProt Accession #	Q9N0W9
Molecular Weight	14,268 Da
NCBI Official Full Name	interleukin-13
NCBI Official Symbol	IL13
NCBI Protein Information	interleukin-13; IL-13
UniProt Protein Name	Interleukin-13
UniProt Gene Name	IL13
UniProt Synonym Gene Names	IL-13
UniProt Entry Name	IL13_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/il13-dog-elisa-kits/interleukin-13/112917>