

Dog interleukin 18 (interferon-gamma-inducing factor) ELISA Kit | IL18 elisa kit

Dog Interleukin 18, IL-18 ELISA Kit

CATALOG # AAA15005	REACTIVITY Dog
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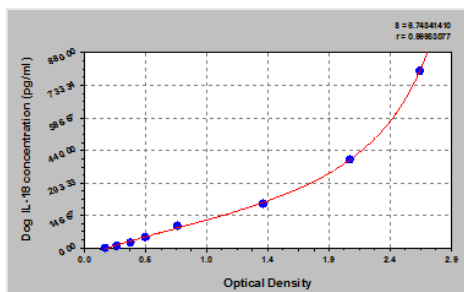
PRODUCT SYNONYMS

interleukin 18 (interferon-gamma-inducing factor); Dog Interleukin 18; IL-18 ELISA Kit; IL-18 ELISA KIT; IGIF; IL-18; IL-1g; IL1F4; MGC12320; IL-1 gamma; interferon-gamma-inducing factor; interleukin 18; interleukin-1 gamma; interleukin-18; IL18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog IL-18. No significant cross-reactivity or interference between dog IL-18 and analogues was observed.
Sequence Length	193
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates and tissue homogenates
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 IL18 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-18 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-18 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-18 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-18 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 #	50978898
NCBI GeneID	403796
NCBI Accession #	NP_001003169.1
NCBI GenBank Nucleotide #	NM_001003169.1
UniProt Accession #	Q9XSR0
Molecular Weight	22,037 Da
NCBI Official Full Name	interleukin-18
NCBI Official Symbol	IL18
NCBI Official Synonym Symbols	IGIF
NCBI Protein Information	interleukin-18; IL-18; IL-1 gamma; interleukin-1 gamma; IFN-gamma-inducing factor; interferon gamma inducing factor; interferon gamma-inducing factor; interferon-gamma-inducing factor
UniProt Protein Name	Interleukin-18
UniProt Gene Name	IL18
UniProt Synonym Gene Names	IGIF; IL-18; IFN-gamma-inducing factor; IL-1 gamma
UniProt Entry Name	IL18_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/il18-dog-elisa-kits/interleukin-18-interferon-gamma-inducing-factor/15005>