

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

Chicken Interleukin 18, IL-18 ELISA Kit

CATALOG #
AAA79658

REACTIVITY
Chicken

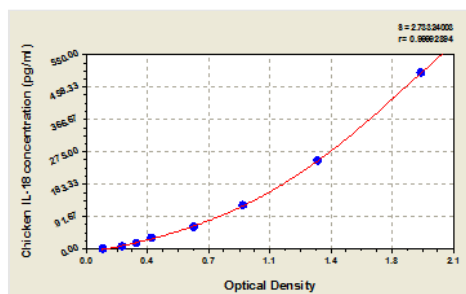
PRODUCT SYNONYMS

interleukin 18 (interferon-gamma-inducing factor); Chicken 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	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of chicken IL-18. No significant cross-reactivity or interference between chicken IL-18 and analogues was observed.
Sequence Length	196
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	7.8 pg/ml -500 pg/ml.
Sensitivity	The minimum detectable dose of chicken IL-18 is typically less than 1.95 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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	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 #	27923789
NCBI GeneID	395312
UniProt Accession #	Q8QFQ8
Molecular Weight	22,787 Da
NCBI Official Full Name	Interleukin-18
NCBI Official Synonym Full Names	interleukin 18 (interferon-gamma-inducing factor)
NCBI Official Symbol	IL18
NCBI Official Synonym Symbols	IL-18; ChIL-18
NCBI Protein Information	interleukin-18
UniProt Protein Name	Interleukin-18
UniProt Gene Name	IL18
UniProt Synonym Gene Names	IL-18
UniProt Entry Name	IL18_CHICK

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-chicken-elisa-kits/interleukin-18-interferon-gamma-inducing-factor/79658>