

Porcine Interleukin 18, IL-18 ELISA Kit | IL-18 elisa kit

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CATALOG #
AAA11209

REACTIVITY
Porcine

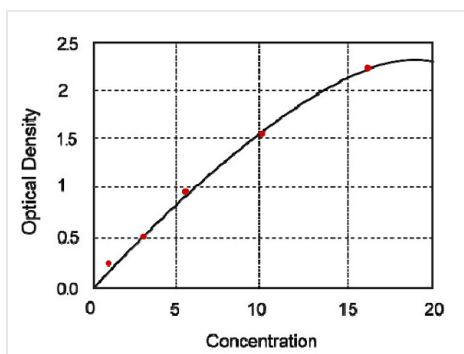
PRODUCT SYNONYMS

Interleukin 18; IL-18; Porcine Interleukin 18; IL-18 ELISA Kit; IL-18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	193
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-4500ng/L
Sensitivity	9.66ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-18 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Porcine IL-18 antibody. IL-18 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Porcine IL-18 Antibody is added and binds to IL-18 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-18 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Porcine IL-18. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Porcine Interleukin 18 (also known as IL-18) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27806575
NCBI GeneID	281249
NCBI Accession #	NP_776516.1
NCBI GenBank Nucleotide #	NM_174091.2
UniProt Accession #	Q9TU73; Q3SZF6; A9QWR6
Molecular Weight	22,347 Da
NCBI Official Full Name	interleukin-18
NCBI Official Synonym Full Names	interleukin 18
NCBI Official Symbol	IL18
NCBI Protein Information	interleukin-18
UniProt Protein Name	Interleukin-18
UniProt Gene Name	IL18
UniProt Synonym Gene Names	IGIF; IL-18; IFN-gamma-inducing factor; IL-1 gamma

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.