

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

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CATALOG #
AAA123747

REACTIVITY
Sheep

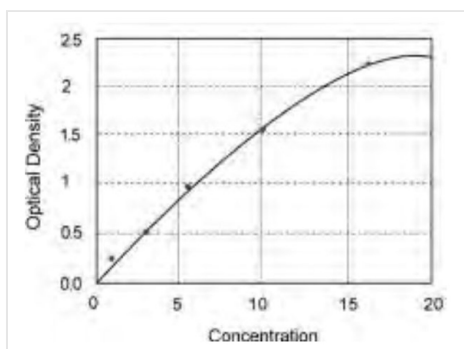
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Sequence Length	198
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	1-380ng/L
Sensitivity	0.66ng/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 Sheep IL-18 antibody. IL-18 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Sheep 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 Sheep 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 Sheep 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 #	45382949
NCBI GeneID	395312
NCBI GenBank Nucleotide #	NP_989939.1
NCBI Official Full Name	interleukin-18
NCBI Official Synonym Full Names	interleukin 18
NCBI Official Symbol	IL18
NCBI Official Synonym Symbols	IL-18; ChIL-18; interleukin-18
NCBI Protein Information	interleukin-18

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/sheep-elisa-kits/interleukin-18-il-18/123747>