

Sheep Interleukin 4 (IL-4) ELISA Kit | IL-4 elisa kit

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CATALOG #
AAA122103

REACTIVITY
Sheep

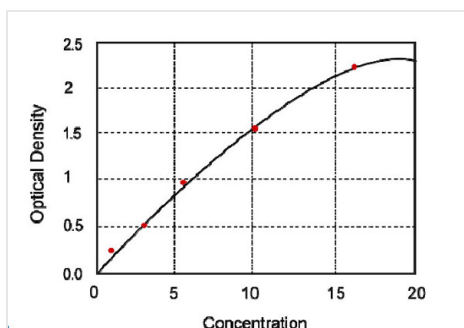
PRODUCT SYNONYMS

Interleukin 4 (IL-4); Sheep Interleukin 4 (IL-4) ELISA Kit; IL-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Sequence Length	133
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/L - 400ng/L
Sensitivity	0.53ng/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-4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Sheep Interleukin 4 (also known as IL-4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Sheep IL-4 antibody. IL-4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Sheep IL-4 Antibody is added and binds to IL-4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-4 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-4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55742622
NCBI GeneID	397225
NCBI Accession #	NP_999288.1
NCBI GenBank Nucleotide #	NM_214123.1
UniProt Accession #	Q04745; Q29054; Q8MKE6
Molecular Weight	15,023 Da
NCBI Official Full Name	interleukin-4
NCBI Official Symbol	IL4
NCBI Protein Information	interleukin-4
UniProt Protein Name	Interleukin-4
UniProt Gene Name	IL4
UniProt Synonym Gene Names	IL-4; BSF-1

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-4-il-4/122103>