

Sheep IL-6 ELISA Kit | IL-6 elisa kit

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CATALOG #
AAA282353

REACTIVITY
Sheep

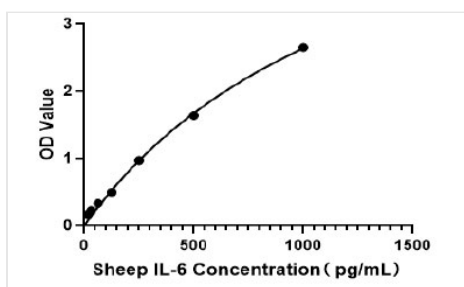
PRODUCT SYNONYMS

IL-6; Sheep IL-6 ELISA Kit; IL-6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay recognizes both recombinant and natural sheep IL-6. The factors listed below were prepared at 50ng/ml and assayed for cross-reactivity. No significant cross-reactivity was observed with the following: Recombinant human: Recombinant mouse: Recombinant rat: IL-6 IL-6 IL-6
Assay Type	Quantitative Sandwich
Detection Range	15.6-1000pg/mL
Sensitivity	< 2.146pg/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level IL-6 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level IL-6 were tested on 3 different plates, 20 replicates in each plate. Inter-Assay: CV<15%
Preparation and Storage	Store at 2-8C for 1 week

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-6 elisa kit

Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL-6 in sheep serum, plasma, cell culture supernatants and other biological fluids.

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for sheep IL-6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-6 present is bound by the immobilized antibody. After washing away any unbound substances, and then a detection antibody specific for IL-6 is added to the wells and binds to the combination of capture antibody IL-6 in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate solution is added to the wells and color develops in proportion to the amount of IL-6 bound in the initial step. The color development is stopped and the absorbance is measured.

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P29455
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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://www.aaabiotech.com/sheep-elisa-kits/il-6/282353>