

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

Bovine IL-6

CATALOG #
AAA76958

REACTIVITY
Bovine

PRODUCT SYNONYMS

IL-6; Bovine IL-6; IL-6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	212
Samples	Biological fluid of Bovines
Assay Type	Sandwich

ADDITIONAL INFORMATION

Related Product Information for IL-6 elisa kit	Intended Uses: The Interleukin 6 (IL-6) test kit is a highly sensitive two- site enzyme linked immunoassay (ELISA) for measuring IL-6 in biological fluid of Bovines. Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the IL-6 present in samples reacts with the anti-IL-6 antibodies which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, the Detection antibody, biotin conjugated anti- IL-6 is added and complexes are formed. Following a wash step, the horseradish peroxidase (HRP) conjugated Streptavidin is added and complexes are formed. After another washing step, the complexes are assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of IL-6 in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of IL-6 in the test sample. The quantity of IL-6 in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.
References	Significance of clinical variables and selected biochemical markers in predicting the outcome of bovine anaplasmosis. M. El-Ashker, M. Salama, M. El-Sebaei, E. Risha, F. Abdelhamid, M. El-Diasty, E. El-Fadle (2015)

NCBI AND UNIPROT INFORMATION

NCBI GI #	124347
NCBI GeneID	3569
Molecular Weight	23,718 Da
NCBI Official Full Name	Interleukin-6
NCBI Official Synonym Full Names	interleukin 6
NCBI Official Symbol	IL6
NCBI Official Synonym Symbols	HGF; HSF; BSF2; IL-6; IFNB2
NCBI Protein Information	interleukin-6; CDF; BSF-2; IFN-beta-2; interferon beta-2; interleukin BSF-2; interferon, beta 2; hybridoma growth factor; CTL differentiation factor; B-cell stimulatory factor 2; B-cell differentiation factor
UniProt Protein Name	Interleukin-6

UniProt Gene Name	IL6
UniProt Synonym Gene Names	IFNB2; IL-6; BSF-2; CDF; IFN-beta-2
UniProt Entry Name	IL6_HUMAN

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/bovine-ovine-elisa-kits/il-6/76958>