

IL-6 elisa kit

Murine IL-6 ELISA Kit

CATALOG #
AAA58617

REACTIVITY
Murine. No cross reactivity with other murine cytokines.

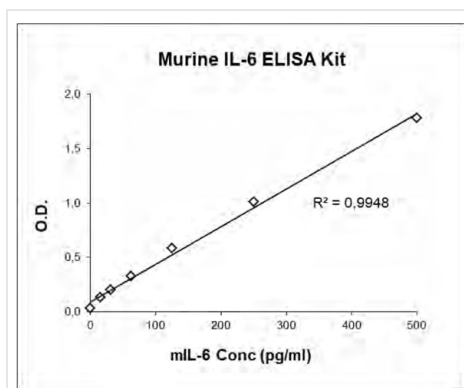
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Murine. No cross reactivity with other murine cytokines.
Sequence Length	211
Assay Type	Qualitative Sandwich
Samples	Supernatants, buffered solutions or serum and plasma samples
Sensitivity	10 pg/ml

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-6 elisa kit

Principle of the Assay: A capture Antibody highly specific for mL-6 has been coated to the wells of the microtiter strip plate provided during manufacture. Binding of mL-6 samples and known standards to the capture antibodies and subsequent binding of the Biotinylated anti-mIL-6 secondary antibody to the analyte is completed during the same incubation period. Any excess unbound analyte and secondary antibody is removed. The HRP conjugate solution is then added to every well including the zero wells, following incubation excess conjugate is removed by careful washing. A chromogen substrate is added to the wells resulting in the progressive development of a blue coloured complex with the conjugate. The colour development is then stopped by the addition of acid turning the resultant final product yellow. The intensity of the produced coloured complex is directly proportional to the concentration of mL-6 present in the samples and standards. The absorbance of the colour complex is then measured and the generated OD values for each standard are plotted against expected concentration forming a standard curve. This standard curve can then be used to accurately determine the concentration of mL-6 in any sample tested.

Intended Uses: The Murine IL-6 ELISA kit is a solid phase sandwich ELISA for the in-vitro qualitative and quantitative determination of murine IL-6 (mIL-6) in supernatants, buffered solutions or serum and plasma samples. This assay will recognise both natural and recombinant mL-6.

Product Categories/Family for IL-6 elisa kit	Mouse ELISA Kit
References	Garcia-Perez, M. A. et al., Hum Reprod.,2006; 21(4): 880-7 Gironella, M. et al., J Leukoc Biol.,2002;72(1): 56-64. Izawa, A. et al. Infect. Immun., 2014 ; 82(5): 1904-1913

NCBI AND UNIPROT INFORMATION

NCBI GI #	7549769
NCBI GeneID	24498
NCBI Accession #	NP_036721.1
NCBI GenBank Nucleotide #	NM_012589.2
UniProt Accession #	P20607
Molecular Weight	24,357 Da
NCBI Official Full Name	interleukin-6
NCBI Official Synonym Full Names	interleukin 6
NCBI Official Symbol	IL6
NCBI Official Synonym Symbols	ILg6; Ifnb2
NCBI Protein Information	interleukin-6
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IL-6; IL-6
UniProt Entry Name	IL6_RAT

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/murine-elisa-kits/il-6/58617>