

IL-6 elisa kit

Human IL-6 ELISA Kit

CATALOG #
AAA58615

REACTIVITY
Human. No cross reactivity with other human cytokines. No interference with soluble receptor gp80.

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human. No cross reactivity with other human cytokines. No interference with soluble receptor gp80.
Specificity	Recognizes both natural and recombinant human IL-6
Sequence Length	211
Sensitivity	The sensitivity, minimum detectable dose of IL-6 using this IL-6 ELISA kit was found to be less than 2pg/ml. This was determined by adding 3 standard deviations to the mean OD obtained when the zero standard was assayed 40 times.
Intra-assay Precision	Reproducibility within the assay was evaluated in three independent experiments by two different analysts. Each assay was carried out with 6 replicates (3 duplicates) of 3 spiked human pooled serum samples and 2 supernatants containing different concentrations of IL-6. Data below shows the mean IL-6 concentration and the coefficient of variation for each sample. The overall intra-assay coefficient of variation has been calculated to be 4.2%.
Inter-assay Precision	Assay to assay reproducibility within one laboratory was evaluated in three independent experiments by two analysts. Each assay was carried out with 6 replicates of 3 spiked serum human pooled serum samples and 2 supernatants containing different concentrations of IL-6. The calculated overall coefficient of variation was 7.7%

ADDITIONAL INFORMATION

Related Product Information for IL-6 elisa kit	AAA Biotech ELISA Kits include pre-coated strip plates, biotinylated secondary antibody, standards, controls (where applicable), buffers, streptavidin-HRP, TMB, stop reagents, and a detailed procedure.
Product Categories/Family for IL-6 elisa kit	Human ELISA Kit
References	Auf, G. et al., PNAS,2010;0914072107 Azadbakht, L. et al., Diabetes Care,2007;30(4):967-73 Badoual, C. et al., Cancer Res.,2008; 68(10): 3907-3914.

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/human-elisa-kits/il-6/58615>