

Human IL-6 (Interleukin 6) ELISA Kit | IL-6 elisa kit

QuickKey Pro Human IL-6 (Interleukin 6) ELISA Kit

CATALOG #
AAA177878

REACTIVITY
Human

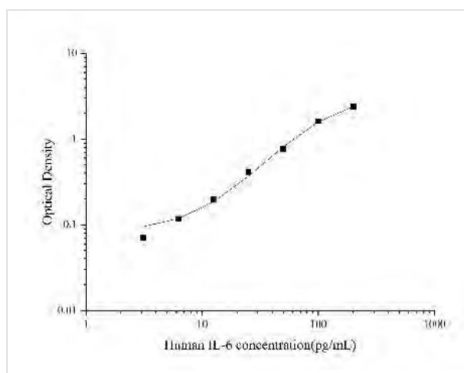
PRODUCT SYNONYMS

IL-6 (Interleukin 6); QuickKey Pro Human IL-6 (Interleukin 6) ELISA Kit; Interleukin 6; IL6; BSF2; HGF; HSF; IFNB2; CDF; IL-6; IL-6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human IL-6 in samples. No significant cross-reactivity or interference between Human IL-6 and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Human serum and plasma samples
Detection Range	3.13-200 pg/mL
Sensitivity	1.02 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human IL-6 were tested 20 times on one plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8° for 6 months. After test, the unused wells and reagents should be stored according to the table/manual.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-6 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human IL-6. Samples (or Standards) and Horseradish Peroxidase (HRP) linked antibody specific for Human IL-6 are added to the micro ELISA plate wells. Human IL-6 in samples (or standards) combines with the coated antibody and HRP linked detection antibody special to Human IL-6. Excess conjugate and unbound sample or standard are washed from the plate. The substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450±2 nm. The OD value is proportional to the concentration of Human IL-6. The concentration of Human IL-6 in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of IL-6 concentrations in Human serum and plasma samples. Please contact tech-support for other sample type detection..
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124347
NCBI GeneID	3569
UniProt Accession #	P05231; Q9UCU2; Q9UCU3; Q9UCU4
Molecular Weight	212
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://stage.aaabiotech.com/human-elisa-kits/il-6-interleukin-6/177878>