

Rat interleukin 6 (interferon, beta 2) ELISA Kit | IL6 elisa kit

Rat Interleukin 6, IL-6 ELISA Kit

CATALOG #
AAA15152

REACTIVITY
Rat

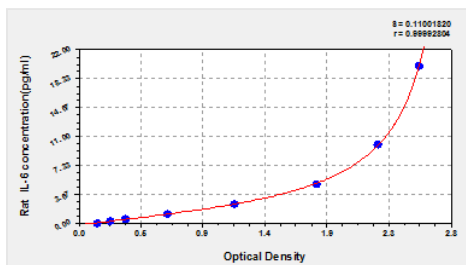
PRODUCT SYNONYMS

interleukin 6 (interferon; beta 2); Rat Interleukin 6; IL-6 ELISA Kit; IL-6 ELISA KIT; BSF2; HGF; HSF; IFNB2; IL-6; B cell stimulatory factor-2; B-cell differentiation factor; CTL differentiation factor; OTTHUMP00000158544; hybridoma growth factor; interleukin 6; interleukin BSF-2; IL6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat IL-6. No significant cross-reactivity or interference between rat IL-6 and analogues was observed.
Sequence Length	241
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.312 pg/ml-20 pg/ml
Sensitivity	< 0.078 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL6 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for 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 removing any unbound substances, a biotin-conjugated antibody specific for IL-6 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, 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 intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	126722667
NCBI GeneID	100008733
NCBI Accession #	NP_001075533.1
NCBI GenBank Nucleotide #	NM_001082064.2
UniProt Accession #	Q9MZR1; Q0PW36
Molecular Weight	27,021 Da
NCBI Official Full Name	interleukin-6
NCBI Official Symbol	IL6
NCBI Official Synonym Symbols	IL-6
NCBI Protein Information	interleukin-6; interleukin 6 (interferon, beta 2)
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IL-6
UniProt Entry Name	IL6_RABIT

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.