

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

Mouse IL-6 ELISA Kit

CATALOG # AAA332572	REACTIVITY Mouse	APPLICATIONS ELISA
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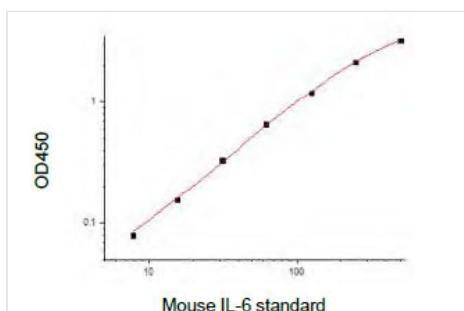
PRODUCT SYNONYMS

IL-6; Mouse IL-6 ELISA Kit; IL 6; IL6; BSF2; HGF; HSF; IFNB2; B cell stimulatory factor-2; B-cell differentiation factor; CTL differentiation factor; OTTHUMP00000158544; hybridoma growth factor; interleukin 6; interleukin BSF-2; IL-6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse IL-6 ELISA Kit has high sensitivity and excellent specificity for detection of MouseIL-6. No significant cross-reactivity or interference between Mouse IL-6 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	7.82 pg/mL - 500 pg/mL
Sensitivity	2 pg/mL
Applicable Applications for IL-6 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-6 elisa kit	Principle of the Assay: IL-6 is a multifunctional protein produced by lymphoid and non-lymphoid cells, and by normal and transformed cells, including Tcells, monocyte/macrophages, fibroblasts, hepatocytes, vascular endothelial cells, cardiac myxomas, bladder cell carcinomas,myelomas, astrogliomas and glioblastomas.Mouse IL-6 ELISA Kit employs a double antibody sandwich method toquantitate Mouse IL-6 in samples. An antibody specific for Mouse IL-6 has been pre-coated onto a microplate. Standards andsamples are pipetted into the wells and any Mouse IL-6 present is bound by the immobilized antibody. After removing anyunbound substances, a biotin-conjugated antibody specific for Mouse IL-6 is added to the wells. After washing, proprietaryStreptavidin-HRP conjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent,adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measurethe OD value with a microplate reader at 450nm wavelength. The IL-6 concentration is proportional to the OD450 nm value.
Product Categories/Family for IL-6 elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	930945756
NCBI GeneID	16193
NCBI Accession #	NP_001300983.1
NCBI GenBank Nucleotide #	NM_001314054.1
UniProt Accession #	P08505; Q3UCQ0; Q8BN26
Molecular Weight	24,384 Da
NCBI Official Full Name	interleukin-6 isoform 2
NCBI Official Synonym Full Names	interleukin 6
NCBI Official Symbol	IL6
NCBI Official Synonym Symbols	IL-6
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_MOUSE

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/mouse-elisa-kits/il-6/332572>