

Guinea Pig Interleukin 6 ELISA Kit | IL6 elisa kit

Guinea pig Interleukin 6 (IL6) (Sandwich ELISA) Mini sample ELISA Kit

CATALOG #
AAA189933

REACTIVITY
Guinea Pig

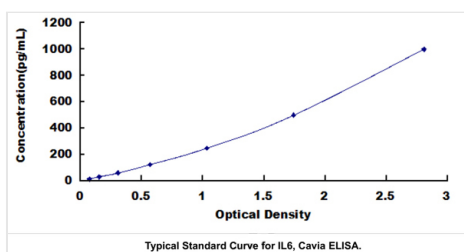
PRODUCT SYNONYMS

Interleukin 6; Guinea pig Interleukin 6 (IL6) (Sandwich ELISA) Mini sample ELISA Kit; MGI2-A; MGI2A; HGF; BSF2; HSF; IFNB2; B-Cell Stimulatory Factor-2; Hybridoma/Plasmacytoma Growth Factor; Hepatocyte Stimulating Factor; Cytotoxic T-Cell Differentiation Factor; Mini Samples ELISA Kit for Interleukin 6 (IL6); IL6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of IL6. No significant cross-reactivity or interference between IL6 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Cavia serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	< 5.5pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL6 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IL6 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL6 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to IL6. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to IL6. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IL6, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of IL6 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL6 in cavia serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for IL6 elisa kit	Cytokine

NCBI AND UNIPROT INFORMATION

UniProt Accession #	XM_013152399.1
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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/il6-guinea-pig-pig-elisa-kits/interleukin-6/189933>