

Mouse IL6 antibody (IL-6Ab) ELISA Kit | IL6 elisa kit

Mouse anti-IL6 antibody (IL-6Ab) ELISA Kit

CATALOG #
AAA247110

REACTIVITY
Mouse

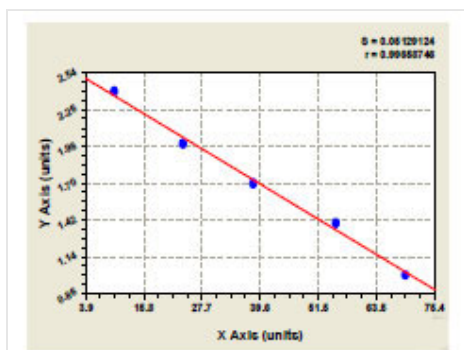
PRODUCT SYNONYMS

IL6 antibody (IL-6Ab); Mouse anti-IL6 antibody (IL-6Ab) ELISA Kit; IL6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL6 elisa kit

Intended Uses: This IL-6Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse IL-6Ab.

Principle of the Assay: IL-6Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing a IL6 antigen and an IL-6Ab-HRP conjugate. The assay sample and buffer are incubated together with IL-6Ab-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IL-6Ab concentration since IL-6Ab from samples and IL-6Ab-HRP conjugate compete for the IL6 antigen binding site. Since the number of sites is limited, as more sites are occupied by IL-6Ab from the sample, fewer sites are left to bind IL-6Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-6Ab concentration in each sample is interpolated from this standard curve.

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/il6-antibody-il-6ab/247110>