

Mouse anti-IL6 autoantibody ELISA Kit

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CATALOG #
AAA247092

REACTIVITY
Mouse

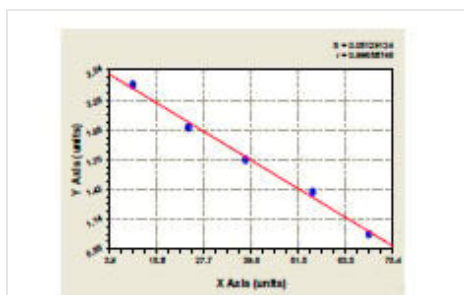
PRODUCT SYNONYMS

anti-IL6 autoantibody; Mouse anti-IL6 autoantibody ELISA Kit; anti-IL6 autoantibody 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 anti-IL6 autoantibody elisa kit

Intended Uses: This IL6 autoantibody ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse IL6 autoantibody.

Principle of the Assay: IL6 autoantibody ELISA kit applies the competitive enzyme immunoassay technique utilizing a IL6 antigen and an IL6 autoantibody-HRP conjugate. The assay sample and buffer are incubated together with IL6 autoantibody-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 IL6 autoantibody concentration since IL6 autoantibody from samples and IL6 autoantibody-HRP conjugate compete for the IL6 antigen binding site. Since the number of sites is limited, as more sites are occupied by IL6 autoantibody from the sample, fewer sites are left to bind IL6 autoantibody-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL6 autoantibody concentration in each sample is interpolated from this standard curve.

Product Categories/Family for anti-IL6 autoantibody elisa kit

Immunology

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/anti-il6-autoantibody/247092>