

Mouse anti-TNF-alpha autoantibody ELISA Kit

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CATALOG #
AAA247050

REACTIVITY
Mouse

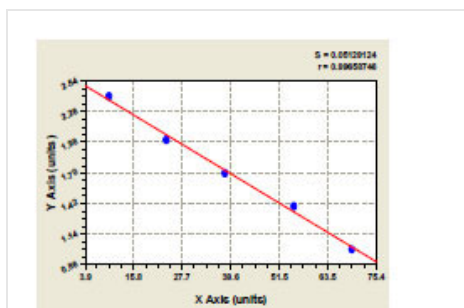
PRODUCT SYNONYMS

anti-TNF-alpha autoantibody; Mouse anti-TNF-alpha autoantibody ELISA Kit; anti-TNF-alpha autoantibody elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
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-TNF-alpha autoantibody elisa kit

Intended Uses: This TNFa-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TNFa-Ab. This ELISA kit for research use only!

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

Product Categories/Family for anti-TNF-alpha 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-tnf-alpha-autoantibody/247050>