

Mouse Growth Regulated Oncogene a ELISA Kit | GROa elisa kit

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CATALOG #
AAA94721

REACTIVITY
Mouse

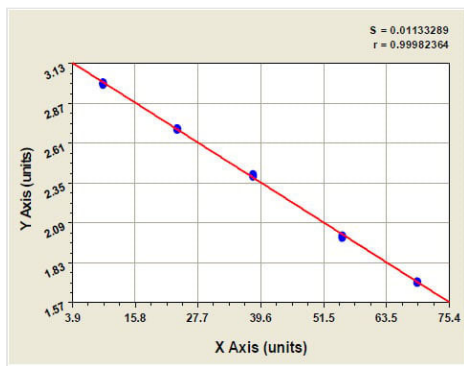
PRODUCT SYNONYMS

Growth Regulated Oncogene a; Mouse Growth Regulated Oncogene a ELISA Kit; GROa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This GROa ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse GROa. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GROa elisa kit

Principle of the assay: GROa ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GROa antibody and an GROa-HRP conjugate. The assay sample and buffer are incubated together with GROa-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 GROa concentration since GROa from samples and GROa-HRP conjugate compete for the anti-GROa antibody binding site. Since the number of sites is limited, as more sites are occupied by GROa from the sample, fewer sites are left to bind GROa-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GROa 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/groa-mouse-elisa-kits/growth-regulated-oncogene-a/94721>