

Human RhoA Protein ELISA Kit | RhoA elisa kit

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CATALOG #
AAA95133

REACTIVITY
Human

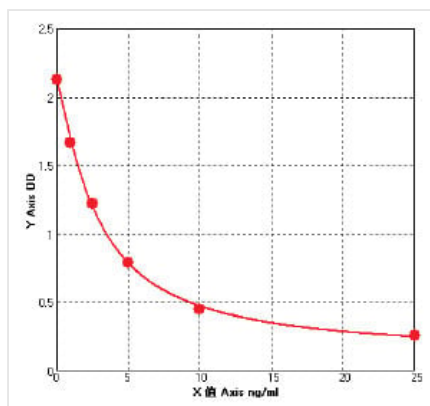
PRODUCT SYNONYMS

RhoA Protein; Human RhoA Protein ELISA Kit; RhoA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RhoA. No significant cross-reactivity or interference between RhoA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RhoA and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RhoA elisa kit	Intended Uses: This RhoA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RhoA. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: RhoA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RhoA antibody and an RhoA-HRP conjugate. The assay sample and buffer are incubated together with RhoA-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 RhoA concentration since RhoA from samples and RhoA-HRP conjugate compete for the anti-RhoA antibody binding site. Since the number of sites is limited, as more sites are occupied by RhoA from the sample, fewer sites are left to bind RhoA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RhoA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for RhoA elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	1680371
NCBI Official Full Name	rhoA protein

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/human-elisa-kits/rhoa-protein/95133>