

Rat Family with sequence similarity 160, member A1 ELISA Kit | FAM160A1 elisa kit

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CATALOG #
AAA97354

REACTIVITY
Rat

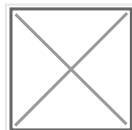
PRODUCT SYNONYMS

Family with sequence similarity 160; member A1; Rat Family with sequence similarity 160; member A1 ELISA Kit; FAM160A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1g/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FAM160A1 elisa kit

Principle of the assay: FAM160A1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FAM160A1 antibody and an FAM160A1-HRP conjugate. The assay sample and buffer are incubated together with FAM160A1-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 FAM160A1 concentration since FAM160A1 from samples and FAM160A1-HRP conjugate compete for the anti-FAM160A1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FAM160A1 from the sample, fewer sites are left to bind FAM160A1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FAM160A1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FAM160A1 elisa kit

Cell Biology

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.