

Rat Flotillin-1 (FLOT1) ELISA Kit | FLOT1 elisa kit

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CATALOG #
AAA245359

REACTIVITY
Rat

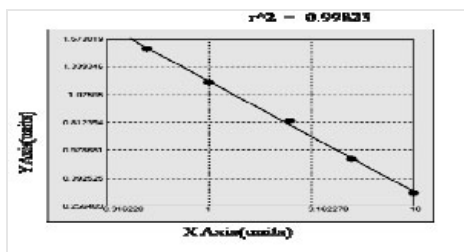
PRODUCT SYNONYMS

Flotillin-1 (FLOT1); Rat Flotillin-1 (FLOT1) ELISA Kit; FLOT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 FLOT1 elisa kit

Intended Uses: This FLOT-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat FLOT-1. This ELISA kit for research use only!

Principle of the Assay: FLOT-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FLOT-1 antibody and an FLOT-1-HRP conjugate. The assay sample and buffer are incubated together with FLOT-1-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 FLOT-1 concentration since FLOT-1 from samples and FLOT-1-HRP conjugate compete for the anti-FLOT-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FLOT-1 from the sample, fewer sites are left to bind FLOT-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FLOT-1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FLOT1 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031699
NCBI GeneID	10211
NCBI Accession #	NP_005794.1
NCBI GenBank Nucleotide #	NM_005803.2
Molecular Weight	47,355 Da
NCBI Official Full Name	flotillin-1
NCBI Official Synonym Full Names	flotillin 1
NCBI Official Symbol	FLOT1
NCBI Protein Information	flotillin-1; integral membrane component of caveolae
UniProt Protein Name	Flotillin-1
UniProt Gene Name	FLOT1
UniProt Entry Name	FLOT1_HUMAN

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/rat-elisa-kits/flotillin-1-flot1/245359>