

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

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CATALOG #
AAA245849

REACTIVITY
Mouse

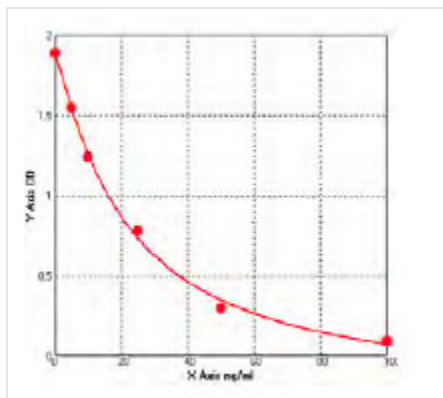
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FLOT-1. No significant cross-reactivity or interference between FLOT-1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FLOT-1 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	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 Mouse 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 polyclonal 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.