

Human Flotillin 1 (FLOT1) ELISA Kit | FLOT1 elisa kit

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CATALOG #
AAA244321

REACTIVITY
Human

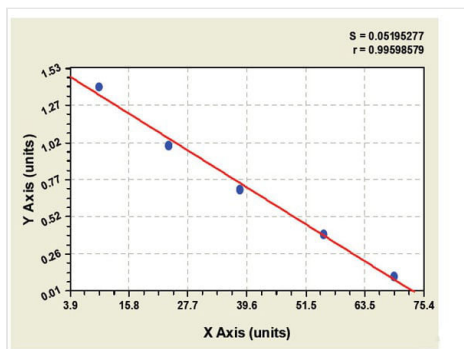
PRODUCT SYNONYMS

Flotillin 1 (FLOT1); Human Flotillin 1 (FLOT1) ELISA Kit; FLOT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This FLOT1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FLOT1. 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 FLOT1 elisa kit

Principle of the Assay: FLOT1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FLOT1 antibody and an FLOT1-HRP conjugate. The assay sample and buffer are incubated together with FLOT1-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 FLOT1 concentration since FLOT1 from samples and FLOT1-HRP conjugate compete for the anti-FLOT1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FLOT1 from the sample, fewer sites are left to bind FLOT1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FLOT1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24653894
NCBI GeneID	36726
NCBI Accession #	NP_725476.1
NCBI GenBank Nucleotide #	NM_166102.2
Molecular Weight	47,523 Da
NCBI Official Full Name	flotillin 1, isoform B
NCBI Official Synonym Full Names	Flotillin 1
NCBI Official Symbol	Flo1
NCBI Official Synonym Symbols	CG8200; CK02126; DmelCG8200; flo; Flo; Flo-1; flo1; FLO1; flotillin; Flo[Dm]; FLO[Dm]; FLO[Dm]-1; reggie-2
NCBI Protein Information	CG8200 gene product from transcript CG8200-RA; CG8200-PA; CG8200-PB; Flo1-PA; Flo1-PB; Flotillin-1; Flotillin1; flotillin; flotillin 1; reggie2
UniProt Protein Name	Flotillin-1
UniProt Gene Name	Flo-1
UniProt Synonym Gene Names	Flo; FLODM-1; CG8200
UniProt Entry Name	FLOT1_DROME

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.