

Human Flotillin 2 (FLOT2) ELISA Kit | FLOT2 elisa kit

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CATALOG #
AAA64814

REACTIVITY
Human

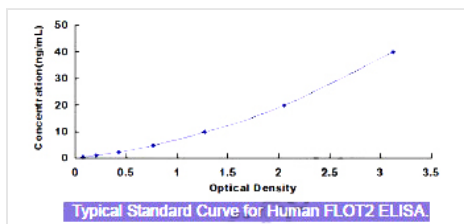
PRODUCT SYNONYMS

Flotillin 2 (FLOT2); Human Flotillin 2 (FLOT2) ELISA Kit; ECS1 ESA ESA1 M17S1 Epidermal Surface Antigen 1 Membrane Component; Chromosome 17; Surface Marker 1 35kD Protein Identified By Monoclonal Antibody ECS-1; FLOT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FLOT2. No significant cross-reactivity or interference between FLOT2 and analogues was observed.
Sequence Length	428
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	0.216ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FLOT2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FLOT2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLOT2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FLOT2 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FLOT2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FLOT2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FLOT2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of FLOT2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94538362
NCBI GeneID	2319
NCBI Accession #	NP_004466.2
NCBI GenBank Nucleotide #	NM_004475.2
UniProt Accession #	Q14254
Molecular Weight	47,064 Da
NCBI Official Full Name	flotillin-2 isoform 1
NCBI Official Synonym Full Names	flotillin 2
NCBI Official Symbol	FLOT2
NCBI Official Synonym Symbols	ESA; ECS1; ESA1; ECS-1; M17S1
NCBI Protein Information	flotillin-2
UniProt Protein Name	Flotillin-2
UniProt Gene Name	FLOT2
UniProt Synonym Gene Names	ESA1; M17S1; ESA

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.