

Human Major Facilitator Superfamily Domain Containing Protein 2A (MFSD2A) ELISA Kit | MFSD2A elisa kit

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CATALOG # AAA68429	REACTIVITY Human
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PRODUCT SYNONYMS

Major Facilitator Superfamily Domain Containing Protein 2A (MFSD2A); Human Major Facilitator Superfamily Domain Containing Protein 2A (MFSD2A) ELISA Kit; MFSD2; NLS1; Sodium-dependent lysophosphatidylcholine symporter 1; MFSD2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MFSD2A. No significant cross-reactivity or interference between MFSD2A and analogues was observed.
Sequence Length	543
Samples	Tissue homogenates, cell lysates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	<0.114ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MFSD2A 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 MFSD2A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MFSD2A elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of MFSD2A 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 MFSD2A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MFSD2A. 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 MFSD2A, 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 MFSD2A 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 #	211063479
NCBI GeneID	84879
NCBI Accession #	NP_001129965.1
NCBI GenBank Nucleotide #	NM_001136493.2
UniProt Accession #	Q8NA29; Q6UWU5; Q96F59; Q9BRC8; A8K675
Molecular Weight	50,230 Da
NCBI Official Full Name	sodium-dependent lysophosphatidylcholine symporter 1 isoform 1
NCBI Official Synonym Full Names	major facilitator superfamily domain containing 2A
NCBI Official Symbol	MFSD2A
NCBI Official Synonym Symbols	NLS1; MFSD2; MCPH15
NCBI Protein Information	sodium-dependent lysophosphatidylcholine symporter 1
UniProt Protein Name	Sodium-dependent lysophosphatidylcholine symporter 1
UniProt Gene Name	MFSD2A
UniProt Synonym Gene Names	MFSD2; NLS1; NLS1; Sodium-dependent LPC symporter 1

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/human-elisa-kits/major-facilitator-superfamily-domain-containing-protein-2a-mfsd2a/68429>