

Human Family With Sequence Similarity 132, Member A (FAM132A) ELISA Kit | FAM132A elisa kit

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CATALOG # AAA188022	REACTIVITY Human
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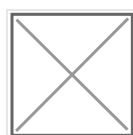
PRODUCT SYNONYMS

Family With Sequence Similarity 132; Member A (FAM132A); Human Family With Sequence Similarity 132; Member A (FAM132A) ELISA Kit; C1QDC2; C1QTNF12; Adipolin; Adipose-derived insulin-sensitizing factor; Complement C1q tumor necrosis factor-related protein 12; FAM132A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Family With Sequence Similarity 132, Member A (FAM132A). No significant cross-reactivity or interference between Family With Sequence Similarity 132, Member A (FAM132A) and analogues was observed.
Sequence Length	302
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.054ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Family With Sequence Similarity 132, Member A (FAM132A) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Family With Sequence Similarity 132, Member A (FAM132A) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FAM132A elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Family With Sequence Similarity 132, Member A (FAM132A). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Family With Sequence Similarity 132, Member A (FAM132A). 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 Family With Sequence Similarity 132, Member A (FAM132A), 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 Family With Sequence Similarity 132, Member A (FAM132A) 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 #	59807841
NCBI GeneID	388581
UniProt Accession #	Q5T7M4; Q5EBL5
Molecular Weight	32,416 Da
NCBI Official Full Name	Family with sequence similarity 132, member A
NCBI Official Synonym Full Names	C1q and TNF related 12
NCBI Official Symbol	C1QTNF12
NCBI Official Synonym Symbols	C1QDC2; CTRP12; FAM132A
NCBI Protein Information	adipolin
UniProt Protein Name	Adipolin
UniProt Gene Name	C1QTNF12

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/family-with-sequence-similarity-132-member-a-fam132a/188022>