

Human Family With Sequence Similarity 19, Member A4 (FAM19A4) ELISA Kit | FAM19A4 elisa kit

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CATALOG # AAA189885	REACTIVITY Human
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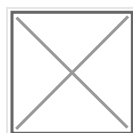
PRODUCT SYNONYMS

Family With Sequence Similarity 19; Member A4 (FAM19A4); Human Family With Sequence Similarity 19; Member A4 (FAM19A4) ELISA Kit; TAFA-4; Chemokine-like protein TAFA-4; FAM19A4/Family With Sequence Similarity 19; Member A4; FAM19A4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FAM19A4. No significant cross-reactivity or interference between FAM19A4 and analogues was observed.
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.063ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FAM19A4 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 FAM19A4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months 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 FAM19A4 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FAM19A4. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to FAM19A4. 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 FAM19A4, 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 FAM19A4 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 #	53988383
NCBI GeneID	151647
NCBI Accession #	NP_001005527.1
NCBI GenBank Nucleotide #	NM_001005527.2
UniProt Accession #	Q96LR4; A8MVT2
Molecular Weight	15,682 Da
NCBI Official Full Name	protein FAM19A4
NCBI Official Synonym Full Names	family with sequence similarity 19 (chemokine (C-C motif)-like), member A4
NCBI Official Symbol	FAM19A4
NCBI Official Synonym Symbols	TAFA4; TAFA-4
NCBI Protein Information	protein FAM19A4; chemokine-like protein TAFA-4
UniProt Protein Name	Protein FAM19A4
UniProt Gene Name	FAM19A4
UniProt Synonym Gene Names	TAFA4
UniProt Entry Name	F19A4_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/family-with-sequence-similarity-19-member-a4-fam19a4/189885>