

Human Apoptosis inducing factor 3 (AIFM3) ELISA Kit | AIFM3 elisa kit

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CATALOG #
AAA244602

REACTIVITY
Human

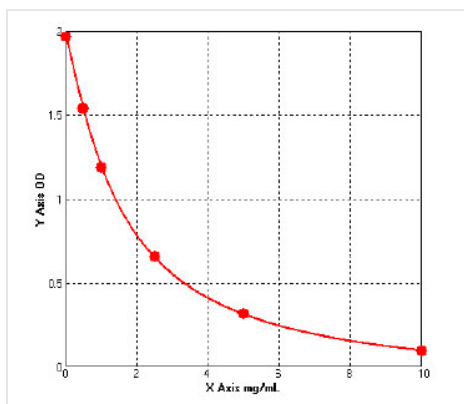
PRODUCT SYNONYMS

Apoptosis inducing factor 3 (AIFM3); Human Apoptosis inducing factor 3 (AIFM3) ELISA Kit; AIFM3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AIFM3. No significant cross-reactivity or interference between AIFM3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between AIFM3 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AIFM3 elisa kit	Intended Uses: This AIFM3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanAIFM3. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: AIFM3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-AIFM3 antibody and an AIFM3-HRP conjugate. The assay sample and buffer are incubated together with AIFM3-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 AIFM3 concentration since AIFM3 from samples and AIFM3-HRP conjugate compete for the anti-AIFM3 antibody binding site. Since the number of sites is limited, as more sites are occupied by AIFM3 from the sample, fewer sites are left to bind AIFM3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AIFM3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for AIFM3 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	226437568
NCBI GeneID	150209
NCBI Accession #	NP_001139760.1
NCBI GenBank Nucleotide #	NM_001146288.1
Molecular Weight	65,966 Da
NCBI Official Full Name	apoptosis-inducing factor 3 isoform 3
NCBI Official Synonym Full Names	apoptosis-inducing factor, mitochondrion-associated, 3
NCBI Official Symbol	AIFM3
NCBI Official Synonym Symbols	AIFL
NCBI Protein Information	apoptosis-inducing factor 3; apoptosis-inducing factor like
UniProt Protein Name	Apoptosis-inducing factor 3
UniProt Gene Name	AIFM3
UniProt Synonym Gene Names	AIFL
UniProt Entry Name	AIFM3_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://www.aaabiotech.com/human-elisa-kits/apoptosis-inducing-factor-3-aifm3/244602>