

Human Apoptosis Inducing Factor (AIF) CLIA Kit | AIF clia kit

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CATALOG #
AAA141104

REACTIVITY
Human

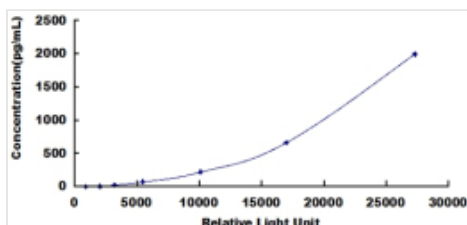
PRODUCT SYNONYMS

Apoptosis Inducing Factor (AIF); Human Apoptosis Inducing Factor (AIF) CLIA Kit; PDCD8; Programmed Cell Death protein 8; Apoptosis-inducing factor 1; mitochondrial; AIF clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Apoptosis Inducing Factor (AIF). No significant cross-reactivity or interference between Apoptosis Inducing Factor (AIF) and analogues was observed.
Sequence Length	738
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	2.74-2,000pg/mL
Sensitivity	1.17pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Apoptosis Inducing Factor (AIF) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Apoptosis Inducing Factor (AIF) 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 AIF clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Apoptosis Inducing Factor (AIF). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Apoptosis Inducing Factor (AIF). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Apoptosis Inducing Factor (AIF) level in the sample or standard.;
Product Categories/Family for AIF clia kit	Signal transduction; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	442625344
NCBI GeneID	33390
NCBI Accession #	NP_001259907.1
NCBI GenBank Nucleotide #	NM_001272978.1
Molecular Weight	74,050 Da
NCBI Official Full Name	apoptosis inducing factor, isoform C
NCBI Official Synonym Full Names	Apoptosis inducing factor
NCBI Official Symbol	AIF
NCBI Official Synonym Symbols	aif; CG7263; DmAIF; DmelCG7263; SD03428p
NCBI Protein Information	CG7263 gene product from transcript CG7263-RC
UniProt Protein Name	Putative apoptosis-inducing factor 1, mitochondrial
UniProt Gene Name	AIF
UniProt Synonym Gene Names	DmAIF
UniProt Entry Name	AIFM1_DROME

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-clia-kits/apoptosis-inducing-factor-aif/141104>