

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

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CATALOG #
AAA171186

REACTIVITY
Human

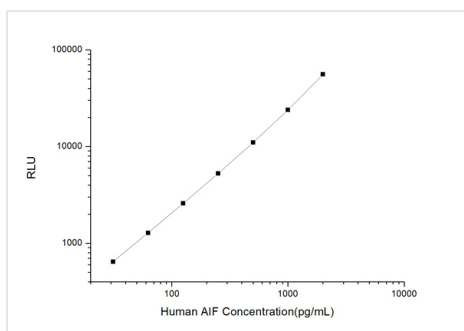
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant AIF. No significant cross-reactivity or interference between AIF and analogues was observed.
Sequence Length	738
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AIF clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of AIF concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to AIF. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for AIF and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain AIF, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of AIF. You can calculate the concentration of AIF in the samples by comparing the RLU value of the samples to the standard curve.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/aif-apoptosis-inducing-factor/171186>