

Human Apoptosis Inducing Factor ELISA Kit | AIF elisa kit

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CATALOG #
AAA97791

REACTIVITY
Human

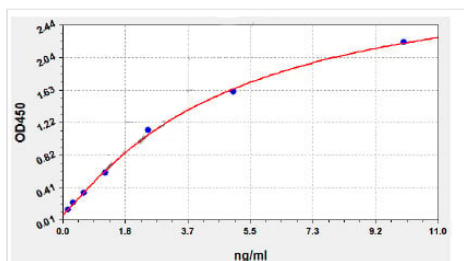
PRODUCT SYNONYMS

Apoptosis Inducing Factor; Human Apoptosis Inducing Factor ELISA Kit; AIF/AIFM1/COXPD6/PDCD8/AIFapoptosis-inducing factor 1; mitochondrial/apoptosis-inducing factor; mitochondrion-associated; 1/COXPD6/MGC111425/PDCD8striatal apoptosis-inducing factor/programmed cell death 8 (apoptosis-inducing factor)/Programmed cell death protein 8; AIF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of AIF. No significant cross-reactivity or interference between AIF and analogues was observed.
Sequence Length	738
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AIF elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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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.