

Canine Apoptosis Inducing Factor ELISA Kit | AIF elisa kit

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CATALOG #
AAA90903

REACTIVITY
Canine

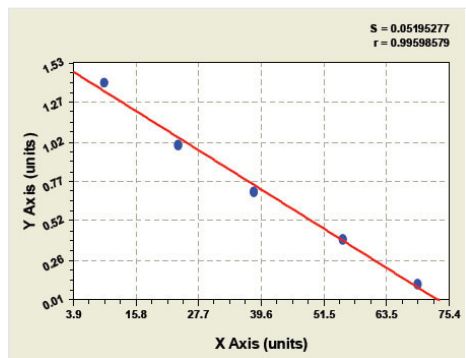
PRODUCT SYNONYMS

Apoptosis Inducing Factor; Canine Apoptosis Inducing Factor ELISA Kit; AIF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This AIF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine AIF. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AIF elisa kit

Principle of the Assay: AIF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AIF antibody and an AIF-HRP conjugate. The assay sample and buffer are incubated together with AIF-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 AIF concentration since AIF from samples and AIF-HRP conjugate compete for the anti-AIF antibody binding site. Since the number of sites is limited, as more sites are occupied by AIF from the sample, fewer sites are left to bind AIF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AIF concentration in each sample is interpolated from this standard curve

NCBI AND UNIPROT INFORMATION

NCBI GI #	55585894
NCBI GeneID	9131
Molecular Weight	24,425 Da
NCBI Official Full Name	apoptosis-inducing factor, partial
UniProt Protein Name	Apoptosis-inducing factor
UniProt Entry Name	Q5RZ99_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.