

Canine Allograft Inflammatory Factor 1 ELISA Kit | AIF1 elisa kit

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CATALOG #
AAA93555

REACTIVITY
Canine

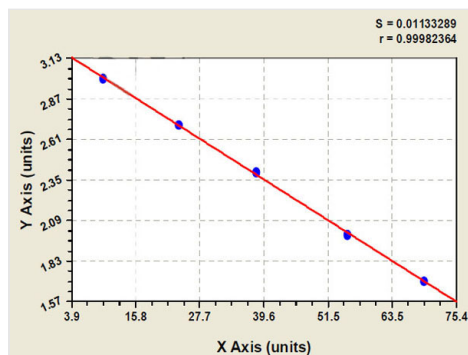
PRODUCT SYNONYMS

Allograft Inflammatory Factor 1; Canine Allograft Inflammatory Factor 1 ELISA Kit; AIF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This BG AIF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine AIF1. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AIF1 elisa kit	Principle of the Assay: AIF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AIF1 antibody and an AIF1-HRP conjugate. The assay sample and buffer are incubated together with AIF1-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 AIF1 concentration since AIF1 from samples and AIF1-HRP conjugate compete for the anti-AIF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by AIF1 from the sample, fewer sites are left to bind AIF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AIF1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for AIF1 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457302
NCBI GeneID	199
UniProt Accession #	Q9UIV4; O43904; Q9UKS9; A8K406; P55008
Molecular Weight	14,748 Da
NCBI Official Full Name	AIF1, partial
NCBI Official Synonym Full Names	allograft inflammatory factor 1
NCBI Official Symbol	AIF1
NCBI Official Synonym Symbols	IBA1; IRT1; AIF-1; IRT-1
NCBI Protein Information	allograft inflammatory factor 1; protein G1; interferon gamma responsive transcript; ionized calcium-binding adapter molecule 1; allograft inflammatory factor-1 splice variant Hara-1
UniProt Protein Name	Allograft inflammatory factor 1
UniProt Gene Name	AIF1
UniProt Synonym Gene Names	G1; IBA1; AIF-1
UniProt Entry Name	AIF1_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://stage.aaabiotech.com/aif1-canine-elisa-kits/allograft-inflammatory-factor-1/93555>