

Canine Ephrin A1 ELISA Kit | EFNA1 elisa kit

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CATALOG #
AAA92530

REACTIVITY
Canine

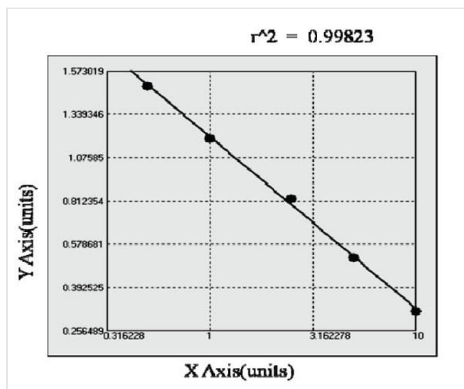
PRODUCT SYNONYMS

Ephrin A1; Canine Ephrin A1 ELISA Kit; EFNA1 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
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EFNA1 elisa kit

Intended Uses: This EFNA1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine EFNA1. This ELISA kit for research use only!

Principle of the Assay: EFNA1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-EFNA1 antibody and an EFNA1-HRP conjugate. The assay sample and buffer are incubated together with EFNA1-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 EFNA1 concentration since EFNA1 from samples and EFNA1-HRP conjugate compete for the anti-EFNA1 antibody binding site. Since the number of sites is limited, as more sites are occupied by EFNA1 from the sample, fewer sites are left to bind EFNA1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EFNA1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618451
NCBI GeneID	1942
Molecular Weight	21,246 Da
NCBI Official Full Name	Ephrin-A1
NCBI Official Synonym Full Names	ephrin-A1
NCBI Official Symbol	EFNA1
NCBI Official Synonym Symbols	B61; EFL1; ECKLG; EPLG1; LERK1; LERK-1; TNFAIP4
NCBI Protein Information	ephrin-A1; TNF alpha-induced protein 4; ligand of eph-related kinase 1; immediate early response protein B61; eph-related receptor tyrosine kinase ligand 1; tumor necrosis factor alpha-induced protein 4; tumor necrosis factor, alpha-induced protein 4
UniProt Protein Name	Ephrin-A1
UniProt Gene Name	EFNA1
UniProt Synonym Gene Names	EPLG1; LERK1; TNFAIP4; LERK-1; TNF alpha-induced protein 4
UniProt Entry Name	EFNA1_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/efna1-canine-elisa-kits/ephrin-a1/92530>