

Chicken Ephrin A1 ELISA Kit | EFNA1 elisa kit

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CATALOG #
AAA92747

REACTIVITY
Chicken

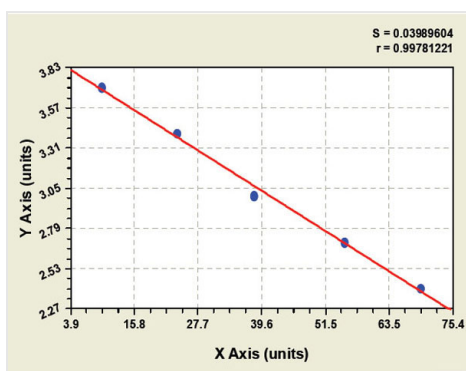
PRODUCT SYNONYMS

Ephrin A1; Chicken Ephrin A1 ELISA Kit; EFNA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/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 Chicken 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.

Product Categories/Family for EFNA1 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	21618451
NCBI GeneID	1942
UniProt Accession #	P20827; Q5SR60; Q5SR61; Q6I9T9; Q8N578; D3DV86
Molecular Weight	23,787 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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/efna1-chicken-elisa-kits/ephrin-a1/92747>