

# FastELISA™ EFNA1 (Human) ELISA Kit

Catalog # KA7043      Size 1 Kit

## Specification

<b>Product Description</b>	FastELISA™ EFNA1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of Human EFNA1 (Ephrin A1) in Serum, plasma.
<b>Suitable Sample</b>	Serum, Plasma, etc.
<b>Sample Volume</b>	50 uL
<b>Detection Method</b>	Colormetric
<b>Assay Type</b>	Quantitative
<b>Calibration Range</b>	0.16-10 ng/mL
<b>Limit of Detection</b>	22.5 pg/mL
<b>Specificity</b>	This assay is highly specific for detection of Human EFNA1. No significant cross-reactivity or interference between Human EFNA1 and analogues was observed.
<b>Regulation Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store at 2-8°C for 6 months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

## Applications

- Quantification

## Gene Info — EFNA1

<b>Entrez GeneID</b>	<a href="#">1942</a>
<b>Gene Name</b>	EFNA1

<b>Gene Alias</b>	B61, ECKLG, EFL1, EPLG1, LERK1, TNFAIP4
<b>Gene Description</b>	ephrin-A1
<b>Omim ID</b>	<a href="#">191164</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	<p>This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNA class ephrin which binds to the EPHA2, EPHA4, EPHA5, EPHA6, and EPHA7 receptors. Two transcript variants that encode different isoforms were identified through sequence analysis. [provided by RefSeq]</p>
<b>Other Designations</b>	OTTHUMP00000033242 OTTHUMP00000033271 eph-related receptor tyrosine kinase ligand 1 ephrin A1 immediate early response protein B61 ligand of eph-related kinase 1 tumor necrosis factor, alpha-induced protein 4

## Pathway

- [Axon guidance](#)