

EPHA2/EPHB3/EPHB4 (Human) Cell-Based ELISA Kit

Catalog # KA2833

Size 1 Kit

Specification

Product Description	EPHA2/EPHB3/EPHB4 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of EPHA2/EPHB3/EPHB4 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — EPHA2

Entrez GeneID	1969
Protein Accession#	P29317 (Gene ID : 1969);P29320 (Gene ID : 2042);P54764 (Gene ID : 2043)
Gene Name	EPHA2
Gene Alias	ECK
Gene Description	EPH receptor A2

Omim ID	176946
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands. [provided by RefSeq]
Other Designations	ephrin receptor EphA2 epithelial cell receptor protein tyrosine kinase protein tyrosine kinase receptor protein tyrosine kinase regulated by p53 and E2F-1 soluble EPHA2 variant 1

Gene Info — EPHA3

Entrez GeneID	2042
Protein Accession#	P29317 (Gene ID : 1969);P29320 (Gene ID : 2042);P54764 (Gene ID : 2043)
Gene Name	EPHA3
Gene Alias	ETK, ETK1, HEK, HEK4, TYRO4
Gene Description	EPH receptor A3
Omim ID	179611
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands. Two alternatively spliced transcript variants have been described for this gene. [provided by RefSeq]
Other Designations	TYRO4 protein tyrosine kinase eph-like tyrosine kinase 1 ephrin receptor EphA3 human embryo kinase 1

Gene Info — EPHA4

Entrez GeneID	2043
Protein Accession#	P29317 (Gene ID : 1969);P29320 (Gene ID : 2042);P54764 (Gene ID : 2043)

Gene Name	EPHA4
Gene Alias	HEK8, SEK, TYRO1
Gene Description	EPH receptor A4
Omim ID	602188
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. [provided by RefSeq]
Other Designations	OTTHUMP00000164185 TYRO1 protein tyrosine kinase ephrin receptor EphA4 ephrin type-A receptor 4 receptor protein-tyrosine kinase HEK8 tyrosine-protein kinase receptor SEK

Pathway

- [Axon guidance](#)
- [Axon guidance](#)
- [Axon guidance](#)

Disease

- [Alzheimer Disease](#)
- [Cataract](#)
- [Cognition Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Pancreatic cancer](#)

- [Pancreatic Neoplasms](#)
- [Parkinson disease](#)