

# BLNK (Human) Cell-Based ELISA Kit

Catalog # KA2612

Size 1 Kit

## Specification

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

## Applications

- Qualitative

## Gene Info — BLNK

<b>Entrez GeneID</b>	<a href="#">29760</a>
<b>Protein Accession#</b>	<a href="#">Q8WV28</a>
<b>Gene Name</b>	BLNK
<b>Gene Alias</b>	BASH, BLNK-S, LY57, MGC111051, SLP-65, SLP65
<b>Gene Description</b>	B-cell linker

Omim ID [604515](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

This gene encodes a cytoplasmic linker or adaptor protein that plays a critical role in B cell development. This protein bridges B cell receptor-associated kinase activation with downstream signaling pathways, thereby affecting various biological functions. The phosphorylation of five tyrosine residues is necessary for this protein to nucleate distinct signaling effectors following B cell receptor activation. Mutations in this gene cause hypoglobulinemia and absent B cells, a disease in which the pro- to pre-B-cell transition is developmentally blocked. Deficiency in this protein has also been shown in some cases of pre-B acute lymphoblastic leukemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations**

B cell linker protein|B-cell adapter containing a SH2 domain protein|B-cell adapter containing a Src homology 2 domain protein|OTTHUMP00000020167|Src homology 2 domain-containing leukocyte protein of 65 kDa

## Pathway

- [B cell receptor signaling pathway](#)
- [Primary immunodeficiency](#)

## Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)