

# AURKB/AURKC (Human) Cell-Based ELISA Kit

Catalog # KA2599

Size 1 Kit

## Specification

<b>Product Description</b>	AURKB/AURKC (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of AURKB/AURKC 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, Rat
<b>Regulation Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store the kit at 4°C.

## Applications

- Qualitative

## Gene Info — AURKC

<b>Entrez GeneID</b>	<a href="#">6795</a>
<b>Protein Accession#</b>	<a href="#">Q96GD4 (Gene ID : 9212);Q9UQB9 (Gene ID : 6795)</a>
<b>Gene Name</b>	AURKC
<b>Gene Alias</b>	AIE2, AIK3, AurC, STK13, aurora-C
<b>Gene Description</b>	aurora kinase C

Omim ID	<a href="#">243060 603495</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the Aurora subfamily of serine/threonine protein kinases. The encoded protein is a chromosomal passenger protein that forms complexes with Aurora-B and inner centromere proteins and may play a role in organizing microtubules in relation to centrosome/spindle function during mitosis. This gene is overexpressed in several cancer cell lines, suggesting an involvement in oncogenic signal transduction. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	aurora/IPL1-related kinase 3 aurora/IPL1/EG2 protein 2 serine/threonine kinase 13 (aurora/IPL1-like)

## Gene Info — AURKB

Entrez GeneID	<a href="#">9212</a>
Protein Accession#	<a href="#">Q96GD4 (Gene ID : 9212);Q9UQB9 (Gene ID : 6795)</a>
Gene Name	AURKB
Gene Alias	AIK2, AIM-1, AIM1, ARK2, AurB, IPL1, STK12, STK5
Gene Description	aurora kinase B
Omim ID	<a href="#">604970</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Chromosomal segregation during mitosis as well as meiosis is regulated by kinases and phosphatases. The Aurora kinases associate with microtubules during chromosome movement and segregation. Aurora kinase B localizes to microtubules near kinetochores, specifically to the specialized microtubules called K-fibers, and Aurora kinase A (MIM 603072) localizes to centrosomes (Lampson et al., 2004 [PubMed 14767480]).[supplied by OMIM]
Other Designations	aurora-1 aurora-B serine/threonine kinase 12

## Disease

- [Brain Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Infertility](#)