

# CLDN4 (Human) Cell-Based ELISA Kit

Catalog # KA2679

Size 1 Kit

## Specification

<b>Product Description</b>	CLDN4 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of CLDN4 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 — CLDN4

<b>Entrez GeneID</b>	<a href="#">1364</a>
<b>Protein Accession#</b>	<a href="#">O14493</a>
<b>Gene Name</b>	CLDN4
<b>Gene Alias</b>	CPE-R, CPER, CPETR, CPETR1, WBSCR8, hCPE-R
<b>Gene Description</b>	claudin 4

Omim ID [602909](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes an integral membrane protein, which belongs to the claudin family. The protein is a component of tight junction strands and may play a role in internal organ development and function during pre- and postnatal life. This gene is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems. [provided by RefSeq]

**Other Designations** Clostridium perfringens enterotoxin receptor 1|Williams-Beuren syndrome chromosomal region 8 protein

## Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Tight junction](#)