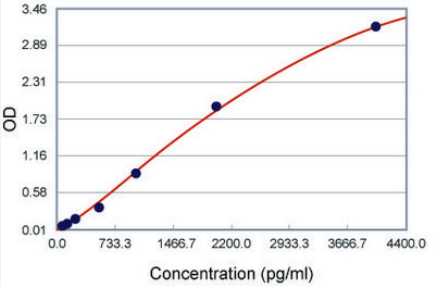
# CDH3 (Human) ELISA Kit

Catalog # KA0668 Size 1 Kit

## Applications




The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

| | |
|---|---|
| **Product Description** | CDH3 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CDH3. |
| **Suitable Sample** | Cell Culture Supernatant, Serum |
| **Sample Volume** | 100 uL |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Quantitative |
| **Calibration Range** | 62.5 to 4000 pg/mL |
| **Reactivity** | Human |
| **Regulation Status** | For research use only (RUO) |
| **Storage Instruction** | Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles. |

## Applications

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- Quantification

## Gene Info — CDH3

| | |
|---|---|
| **Entrez GeneID** | 1001 |
| **Gene Name** | CDH3 |
| **Gene Alias** | CDHP, HJMD, PCAD |
| **Gene Description** | cadherin 3, type 1, P-cadherin (placental) |
| **Omim ID** | 114021 601553 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium -dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a tran smembrane region and a highly conserved cytoplasmic tail. This gene is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity eve nts in breast and prostate cancer. In addition, aberrant expression of this protein is observed in ce rvical adenocarcinomas. Mutations in this gene have been associated with congential hypotrichos is with juvenile macular dystrophy. [provided by RefSeq |
| **Other Designations** | cadherin 3, type 1\|calcium-dependent adhesion protein, placental |

## Pathway

- Cell adhesion molecules (CAMs)

## Disease

- Colitis
- Genetic Predisposition to Disease

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