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Datasheet for ABIN5510668

## LRIG3 ELISA Kit

### 1 Image

#### Overview

Quantity: 96 tests

Target: LRIG3

Binding Specificity: AA 28-807

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

#### Product Details

Purpose: Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human LRIG3

Brand: PicoKine™

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: Expression system for standard: NSO  
Immunogen sequence: D28-T807

Cross-Reactivity (Details): There is no detectable cross-reactivity with other relevant proteins.

Characteristics: Tissue Specificity: Widely expressed. .

#### Target Details

Target: LRIG3

Alternative Name: LRIG3 ([LRIG3 Products](#))

## Target Details

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**Background:** Protein Function: May play a role in craniofacial and inner ear morphogenesis during embryonic development. May act within the otic vesicle epithelium to control formation of the lateral semicircular canal in the inner ear, possibly by restricting the expression of NTN1 (By similarity).

Background: LRIG3 is a 1,119-amino acid protein that contains a signal peptide. This gene is mapped to chromosome 12q13.2. Northern blot analysis detected a 5.1-kb LRIG3 transcript in all tissues analyzed. Quantitative RT-PCR detected highest expression in stomach and lowest expression in blood. And quantitative RT-PCR of mouse tissues revealed ubiquitous expression, but the pattern of expression differed from that in human tissues. LRIG3 may play a role in craniofacial and inner ear morphogenesis during embryonic development. In addition, it may act within the otic vesicle epithelium to control formation of the lateral semicircular canal in the inner ear, possibly by restricting the expression of NTN1.

Synonyms: Leucine-rich repeats and immunoglobulin-like domains protein 3,LIG-3,LRIG3,LIG3,UNQ287/PRO326/PRO335,

Full Gene Name: Leucine-rich repeats and immunoglobulin-like domains protein 3

Cellular Localisation: Cell membrane, Single-pass type I membrane protein . Cytoplasmic vesicle membrane, Single-pass type I membrane protein . Detected in cytoplasmic vesicles when coexpressed with ERBB4..

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UniProt: [Q6UXM1](#)

## Application Details

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Plate: Pre-coated

Restrictions: For Research Use only

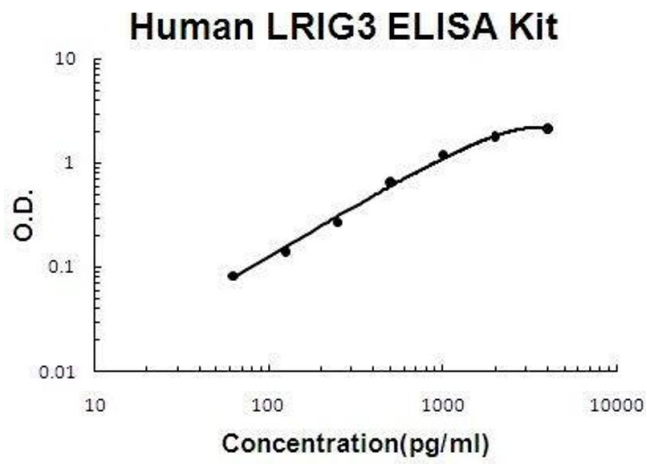
## Handling

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Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)

Expiry Date: 12 months



ELISA

Image 1. Human LRIG3 PicoKine ELISA Kit standard curve