

# ACTG2 (Human) Cell-Based ELISA Kit

Catalog # KA2558

Size 1 Kit

## Specification

<b>Product Description</b>	ACTG2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of ACTG2 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 — ACTG2

<b>Entrez GeneID</b>	<a href="#">72</a>
<b>Protein Accession#</b>	<a href="#">P63267</a>
<b>Gene Name</b>	ACTG2
<b>Gene Alias</b>	ACT, ACTA3, ACTE, ACTL3, ACTSG
<b>Gene Description</b>	actin, gamma 2, smooth muscle, enteric

Omim ID [102545](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

Actins are highly conserved proteins that are involved in various types of cell motility, and maintenance of the cytoskeleton. In vertebrates, three main groups of actin isoforms, alpha, beta and gamma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins co-exist in most cell types as components of the cytoskeleton, and as mediators of internal cell motility. Actin, gamma 2, encoded by this gene, is a smooth muscle actin found in enteric tissues. [provided by RefSeq]

**Other Designations**

actin, gamma 2|actin-like protein|alpha-actin 3|smooth muscle gamma actin

## Pathway

- [Vascular smooth muscle contraction](#)

## Disease

- [Cholestasis](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)