

# SUMO1 (Human) Cell-Based ELISA Kit

Catalog # KA3540

Size 1 Kit

## Specification

<b>Product Description</b>	SUMO1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of SUMO1 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 — SUMO1

<b>Entrez GeneID</b>	<a href="#">7341</a>
<b>Gene Name</b>	SUMO1
<b>Gene Alias</b>	DAP-1, GMP1, OFC10, PIC1, SENP2, SMT3, SMT3C, SMT3H3, SUMO-1, UBL1
<b>Gene Description</b>	SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae)
<b>Omim ID</b>	<a href="#">601912</a>

## Gene Ontology

[Hyperlink](#)

## Gene Summary

This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last four amino acids of the carboxy-terminus have been cleaved off. Several pseudogenes have been reported for this gene. Alternate transcriptional splice variants encoding different isoforms have been characterized. [provided by RefSeq]

## Other Designations

GAP modifying protein 1|SMT3 suppressor of mif two 3 homolog 1|sentrin|ubiquitin-like 1 (sentrin)

## Disease

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Tooth Abnormalities](#)