# SUMO1 (Human) Cell-Based ELISA Kit

Catalog # KA3540 Size 1 Kit

## Specification

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| **Product Description** | SUMO1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative det ermination of SUMO1 expression in cultured cells. |
| **Suitable Sample** | Attached Cell, Loosely Attached Cell, Suspension Cell |
| **Label** | HRP-conjugated |
| **Detection Method** | Colorimetric |
| **Assay Type** | Qualitative |
| **Reactivity** | Human, Mouse, Rat |
| **Regulation Status** | For research use only (RUO) |
| **Storage Instruction** | Store the kit at 4°C. |

## Applications

- Qualitative

## Gene Info — SUMO1

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| **Entrez GeneID** | 7341 |
| **Gene Name** | SUMO1 |
| **Gene Alias** | DAP-1, GMP1, OFC10, PIC1, SENP2, SMT3, SMT3C, SMT3H3, SUMO-1, UBL1 |
| **Gene Description** | SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae) |
| **Omim ID** | 601912 |

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|---|---|
| **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

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