

Human SUMO2 ELISA Kit | SUMO2 elisa kit

Human SUMO2 (Small Ubiquitin Related Modifier 2) ELISA Kit

CATALOG #
AAA165037

REACTIVITY
Human

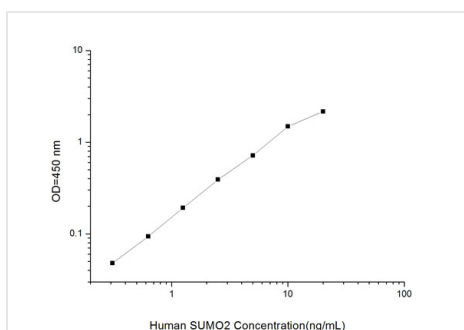
PRODUCT SYNONYMS

SUMO2; Human SUMO2 (Small Ubiquitin Related Modifier 2) ELISA Kit; SUMO2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SUMO2. No significant cross-reactivity or interference between Human SUMO2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human SUMO2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	71
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SUMO2 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SUMO2 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human SUMO2. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human SUMO2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human SUMO2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human SUMO2. You can calculate the concentration of Human SUMO2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54792071
NCBI GeneID	6613
NCBI Accession #	NP_001005849.1
NCBI GenBank Nucleotide #	NM_001005849.1
UniProt Accession #	P61956; P55855; Q32Q42; Q6IPZ6; Q96HK1; B2R4I2
Molecular Weight	8,111 Da
NCBI Official Full Name	small ubiquitin-related modifier 2 isoform b
NCBI Official Synonym Full Names	small ubiquitin-like modifier 2
NCBI Official Symbol	SUMO2
NCBI Official Synonym Symbols	HSMT3; SMT3B; SUMO3; Smt3A; SMT3H2
NCBI Protein Information	small ubiquitin-related modifier 2; SMT3 homolog 2; SMT3 suppressor of mif two 3 homolog 2; sentrin 2; ubiquitin-like protein SMT3A; ubiquitin-like protein SMT3B
UniProt Protein Name	Small ubiquitin-related modifier 2
UniProt Gene Name	SUMO2
UniProt Synonym Gene Names	SUMO-2Curated
UniProt Entry Name	SUMO2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.