

Human Small Ubiquitin Related Modifier 2 ELISA Kit | SUMO2 elisa kit

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CATALOG #
AAA99786

REACTIVITY
Human

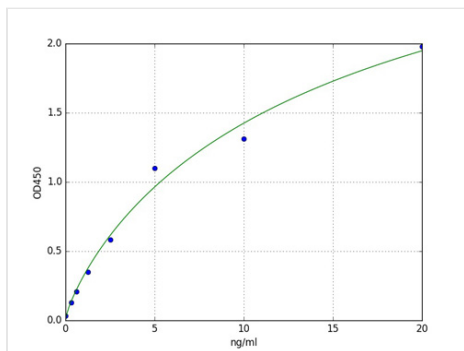
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	95
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human SUMO2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.023	0.095	0.164	0.255	0.524	0.877	1.342	2.096

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SUMO2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human SUMO2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human SUMO2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human SUMO2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human SUMO2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[19424298](#)

NCBI GeneID	690244
NCBI Accession #	NP_598278.1
NCBI GenBank Nucleotide #	NM_133594.2
Molecular Weight	10,871 Da
NCBI Official Full Name	small ubiquitin-related modifier 2
NCBI Official Synonym Full Names	small ubiquitin-like modifier 2
NCBI Official Symbol	Sumo2
NCBI Official Synonym Symbols	Smt3A; Smt3h2
NCBI Protein Information	small ubiquitin-related modifier 2
UniProt Protein Name	Small ubiquitin-related modifier 2
UniProt Gene Name	Sumo2
UniProt Synonym Gene Names	Smt3a; Smt3h2; SUMO-2; Smt3A
UniProt Entry Name	SUMO2_RAT

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.

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Online datasheet: <https://stage.aaabiotech.com/sumo2-human-elisa-kits/small-ubiquitin-related-modifier-2/99786>