

Human SUMO-activating enzyme subunit 1 ELISA Kit | SAE1 elisa kit

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CATALOG #
AAA101346

REACTIVITY
Human

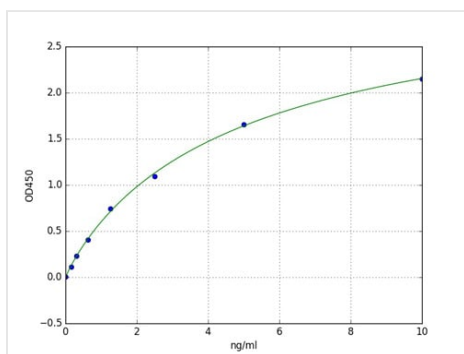
PRODUCT SYNONYMS

SUMO-activating enzyme subunit 1; Human SUMO-activating enzyme subunit 1 ELISA Kit; SAE1/AOS1/SUA1/UBA2/UBLE1A/AOS1activator of SUMO1/FLJ3091/HSPC140/Sua1/SUA1sentrin/SUMO-activating protein AOS1/SUMO-1 activating enzyme E1 N subunit/SUMO1 activating enzyme subunit 1/SUMO-1 activating enzyme subunit 1/SUMO-activating enzyme subunit 1/Ubiquitin-like 1-activating enzyme E1A/ubiquitin-like protein SUMO-1 activating enzyme/UBLE1A; SAE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	346
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 SAE1 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.078	0.144	0.170	0.255	0.438	0.737	1.345	1.884

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SAE1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human SAE1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human SAE1 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 SAE1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human SAE1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885585
NCBI GeneID	10055
NCBI Accession #	NP_005491.1
NCBI GenBank Nucleotide #	NM_005500.2
Molecular Weight	33,063 Da
NCBI Official Full Name	SUMO-activating enzyme subunit 1 isoform a
NCBI Official Synonym Full Names	SUMO1 activating enzyme subunit 1
NCBI Official Symbol	SAE1
NCBI Official Synonym Symbols	AOS1; SUA1; UBLE1A; HSPC140
NCBI Protein Information	SUMO-activating enzyme subunit 1
UniProt Protein Name	SUMO-activating enzyme subunit 1
UniProt Gene Name	SAE1
UniProt Synonym Gene Names	AOS1; SUA1; UBLE1A
UniProt Entry Name	SAE1_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.

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Online datasheet: <https://www.aaabiotech.com/sae1-human-elisa-kits/sumo-activating-enzyme-subunit-1/101346>