

Mouse Sialicacid (SA) ELISA Kit | SA elisa kit

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CATALOG #
AAA12774

REACTIVITY
Mouse

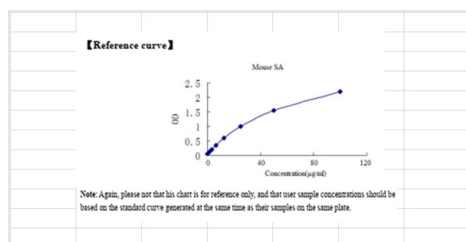
PRODUCT SYNONYMS

Sialicacid (SA); Mouse Sialicacid (SA) ELISA Kit; SA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	578
Assay Type	Sandwich
Detection Range	100 ug/mL-1.56 ug/mL
Sensitivity	Up to 0.5 ug/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SA elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse SA monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

666014

NCBI GeneID	6296
Molecular Weight	49,485 Da
NCBI Official Full Name	SA
NCBI Official Synonym Full Names	acyl-CoA synthetase medium-chain family member 3
NCBI Official Symbol	ACSM3
NCBI Official Synonym Symbols	SA; SAH
NCBI Protein Information	acyl-coenzyme A synthetase ACSM3, mitochondrial; protein SA homolog; butyrate--CoA ligase 3; butyryl-coenzyme A synthetase 3; SA hypertension-associated homolog; middle-chain acyl-CoA synthetase 3; SA (rat hypertension-associated) homolog
UniProt Protein Name	Acyl-coenzyme A synthetase ACSM3, mitochondrial
UniProt Gene Name	ACSM3
UniProt Synonym Gene Names	SAH
UniProt Entry Name	ACSM3_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://stage.aaabiotech.com/mouse-elisa-kits/sialicacid-sa/12774>