

Human SA ELISA Kit | SA elisa kit

Human SA (Sialic Acid) ELISA Kit

CATALOG #
AAA164338

REACTIVITY
Human

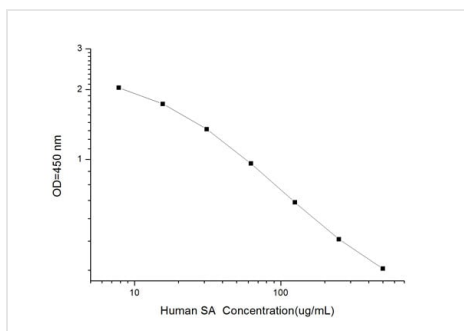
PRODUCT SYNONYMS

SA; Human SA (Sialic Acid) ELISA Kit; SA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SA. No significant cross-reactivity or interference between Human SA and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human SA and all the analogues, therefore, cross reaction may still exist.
Sequence Length	578
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	7.813-500?g/mL
Sensitivity	Min: 4.688?g/mL; Max: 500?g/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SA elisa kit

Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of SA in human serum, plasma and other biological fluids

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human SA. During the reaction, Human SA in the sample or standard competes with a fixed amount of Human SA on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human SA. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Human SA in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	666014
NCBI GeneID	6296
UniProt Accession #	Q53FZ2; O60363; Q13732; Q15425; Q7KYM6; Q9BUA2
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; SA (rat hypertension-associated) homolog; SA hypertension-associated homolog; butyrate--CoA ligase 3; butyryl-coenzyme A synthetase 3; middle-chain acyl-CoA synthetase 3; protein SA 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/human-elisa-kits/sa/164338>