

Sialic Acid (SA) ELISA Kit-Competitive

Cat. No.: EK2F367

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic General Sialic Acid (SA) ELISA Kit-Competitive is designed for the quantitative determination of General Sialic Acid (SA) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for General SA.
Target Species	General
Species Reactivity	General
Detection Range	78.13-5000 µg/mL
Sensitivity	26.1 µg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Sialic acids are a class of alpha-keto acid sugars with a nine-carbon backbone. Sialic acids are found widely distributed in animal tissues. More than 50 kinds of sialic acid are known, each obtained from a molecule of neuraminic acid by substituting its amino group or one of its hydroxyl groups. They commonly decorate the end of sugar chains on glycoproteins, glycolipids, or gangliosides at the surface of cells or soluble proteins.

Target/Biomarker	General SA
Target Synonym	SA

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.