Chicken CMP-N-acetylneuraminate-beta-galactosamide-alpha-2, 3-sialyltransferase 2 (ST3GAL2) ELISA Kit | St3gal2 elisa kit

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CATALOG #	REACTIVITY
AAA244445	**Chicken**

PRODUCT SYNONYMS

CMP-N-acetylneuraminate-beta-galactosamide-alpha-2; 3-sialyltransferase 2 (ST3GAL2); Chicken CMP-N-acetylneuraminate-beta-galactosamide-alpha-2; 3-sialyltransferase 2 (ST3GAL2) ELISA Kit; St3gal2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for St3gal2 elisa kit	Intended Uses: This ST14 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ST14. This ELISA kit for research use only! Principle of the Assay: ST14 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ST14 antibody and an ST14-HRP conjugate. The assay sample and buffer are incubated together with ST14-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ST14 concentration since ST14 from samples and ST14-HRP conjugate compete for the anti-ST14 antibody binding site. Since the number of sites is limited, as more sites are occupied by ST14 from the sample, fewer sites are left to bind ST14-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ST14 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for St3gal2 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	679215355

UniProt Accession #	Q11204; Q8BPL0
Molecular Weight	40,130 Da
NCBI Official Full Name	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2, 3-sialyltransferase 2, partial
UniProt Protein Name	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 2
UniProt Gene Name	**St3gal2**
UniProt Synonym Gene Names	Siat4b; Siat5; Alpha 2,3-ST 2; Beta-galactoside alpha-2,3-sialyltransferase 2; ST3GalII; SIAT4-B
UniProt Entry Name	SIA4B_MOUSE

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/chicken-elisa-kits/cmp-n-acetylneuraminate-beta-galactosamide-alpha-2-3-sialyltransferase-2-st3gal2/244445