

Chicken Serum Albumin ELISA Kit | SA elisa kit

Chicken Serum Albumin ELISA Kit

CATALOG #
AAA90410

REACTIVITY
Chicken

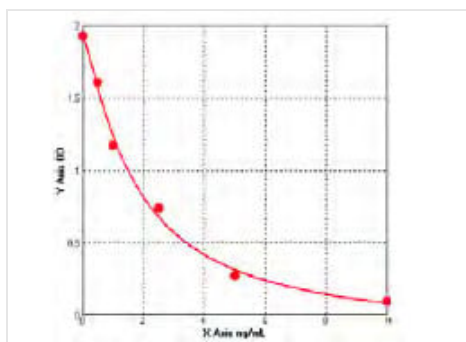
PRODUCT SYNONYMS

Serum Albumin; Chicken Serum Albumin ELISA Kit; SA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 mg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SA elisa kit

Intended Uses: This SA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken SA. This ELISA kit for research use only!

Principle of the Assay: SA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SA antibody and an SA-HRP conjugate. The assay sample and buffer are incubated together with SA-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 SA concentration since SA from samples and SA-HRP conjugate compete for the anti-SA antibody binding site. Since the number of sites is limited, as more sites are occupied by SA from the sample, fewer sites are left to bind SA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SA elisa kit

[Cardiovascular](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502027
NCBI GeneID	213
NCBI Accession #	NP_000468.1
NCBI GenBank Nucleotide #	NM_000477.5
UniProt Accession #	P02768; Q95574; P04277; Q13140; Q645G4; Q68DN5; Q6UXK4; Q86YG0; Q9P157; Q9P117; Q9UHS3; Q9UJZ0; Q16167; Q56G89; Q8IUK7
Molecular Weight	69,367 Da
NCBI Official Full Name	serum albumin preproprotein
NCBI Official Synonym Full Names	albumin
NCBI Official Symbol	ALB
NCBI Official Synonym Symbols	PRO0883; PRO0903; PRO1341
NCBI Protein Information	serum albumin; albumin (32 AA); albumin (AA 34); growth-inhibiting protein 20; cell growth inhibiting protein 42
UniProt Protein Name	Serum albumin
UniProt Gene Name	ALB
UniProt Entry Name	ALBU_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sa-chicken-elisa-kits/serum-albumin/90410>