

Chicken Tissue specific transplantation antigen ELISA Kit | TSTA elisa kit

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CATALOG #
AAA94787

REACTIVITY
Chicken

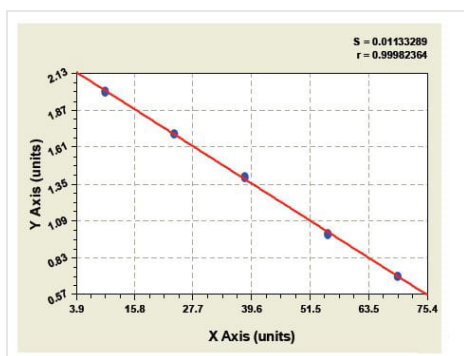
PRODUCT SYNONYMS

Tissue specific transplantation antigen; Chicken Tissue specific transplantation antigen ELISA Kit; TSTA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This TTA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken TTA. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSTA elisa kit

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

Product Categories/Family for TSTA elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	288553282
NCBI Accession #	YP_003425217.1
NCBI GenBank Nucleotide #	NC_013791.2
Molecular Weight	10,837 Da
NCBI Official Full Name	thiosulfate sulfurtransferase
UniProt Protein Name	Thiosulfate sulfurtransferase, rhodanese domain-containing protein
UniProt Gene Name	tstA
UniProt Synonym Gene Names	BpOF4_01285
UniProt Entry Name	D3FUC3_BACPE

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/tsta-chicken-elisa-kits/tissue-specific-transplantation-antigen/94787>