

Chicken Oncoprotein Induced Transcript 3 ELISA Kit | OIT3 elisa kit

Chicken Oncoprotein Induced Transcript 3 ELISA Kit

CATALOG #
AAA92108

REACTIVITY
Chicken

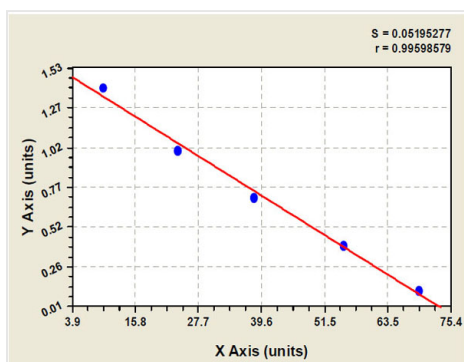
PRODUCT SYNONYMS

Oncoprotein Induced Transcript 3; Chicken Oncoprotein Induced Transcript 3 ELISA Kit; OIT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This OIT3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken OIT3. 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 OIT3 elisa kit

Principle of the Assay: OIT3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-OIT3 antibody and an OIT3-HRP conjugate. The assay sample and buffer are incubated together with OIT3-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 OIT3 concentration since OIT3 from samples and OIT3-HRP conjugate compete for the anti-OIT3 antibody binding site. Since the number of sites is limited, as more sites are occupied by OIT3 from the sample, fewer sites are left to bind OIT3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OIT3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for OIT3 elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	22749297
NCBI GeneID	170392
NCBI Accession #	NP_689848.1
NCBI GenBank Nucleotide #	NM_152635.1
UniProt Accession #	Q8WWZ8; Q8N1M8; A0AVP3
Molecular Weight	60,022 Da
NCBI Official Full Name	oncoprotein-induced transcript 3 protein
NCBI Official Synonym Full Names	oncoprotein induced transcript 3
NCBI Official Symbol	OIT3
NCBI Official Synonym Symbols	LZP
NCBI Protein Information	oncoprotein-induced transcript 3 protein; liver-specific ZP domain-containing protein; liver-specific zona pellucida domain-containing protein
UniProt Protein Name	Oncoprotein-induced transcript 3 protein
UniProt Gene Name	OIT3
UniProt Synonym Gene Names	LZP
UniProt Entry Name	OIT3_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/oit3-chicken-elisa-kits/oncoprotein-induced-transcript-3/92108>