

Sheep Oncoprotein Induced Transcript 3 ELISA Kit | OIT3 elisa kit

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CATALOG #
AAA90377

REACTIVITY
Sheep

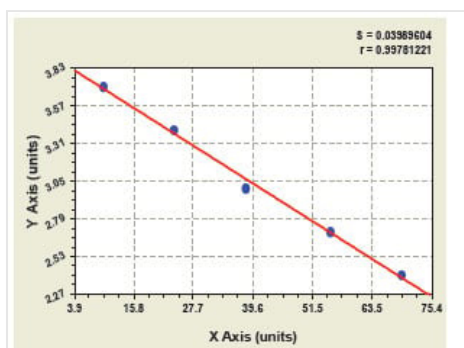
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This OIT3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22749297
NCBI GeneID	170392
NCBI Accession #	NP_689848.1
NCBI GenBank Nucleotide #	NM_152635.1
Molecular Weight	34,911 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; UNQ826/PRO1753
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.

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Online datasheet: <https://stage.aaabiotech.com/oit3-sheep-elisa-kits/oncoprotein-induced-transcript-3/90377>