

Porcine Talin ELISA Kit | TLN1 elisa kit

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CATALOG #
AAA92080

REACTIVITY
Porcine

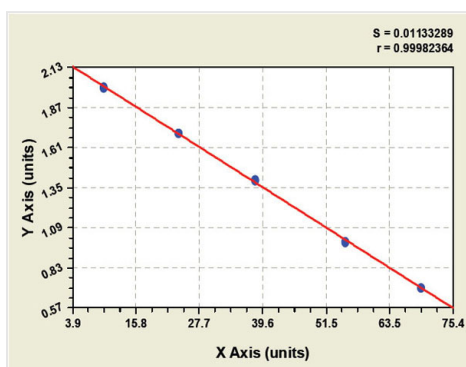
PRODUCT SYNONYMS

Talin; Porcine Talin ELISA Kit; TLN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TLN1 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This TLN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine TLN. This ELISA kit for research use only!

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	6682361
NCBI GeneID	7094
Molecular Weight	269,767 Da
NCBI Official Full Name	talin
NCBI Official Synonym Full Names	talin 1
NCBI Official Symbol	TLN1
NCBI Official Synonym Symbols	TLN; ILWEQ
NCBI Protein Information	talin-1
UniProt Protein Name	Talin-1
UniProt Gene Name	TLN1
UniProt Synonym Gene Names	KIAA1027; TLN
UniProt Entry Name	TLN1_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/porcine-elisa-kits/talin/92080>