

Sheep Tafazzin ELISA Kit | TAZ elisa kit

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CATALOG #
AAA247580

REACTIVITY
Sheep

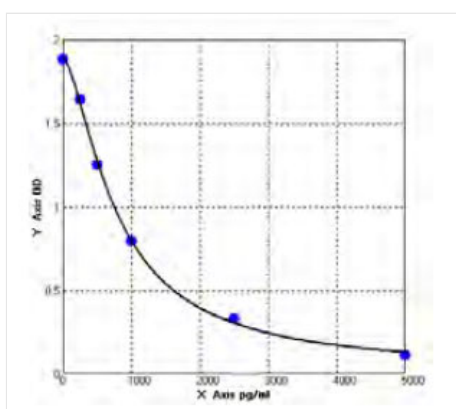
PRODUCT SYNONYMS

Tafazzin; Sheep Tafazzin ELISA Kit; TAZ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of TAZ. No significant cross-reactivity or interference between TAZ and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TAZ and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	278
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAZ elisa kit	Intended Uses: This TAZ ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep TAZ. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: TAZ ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TAZ antibody and an TAZ-HRP conjugate. The assay sample and buffer are incubated together with TAZ-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 TAZ concentration since TAZ from samples and TAZ-HRP conjugate compete for the anti-TAZ antibody binding site. Since the number of sites is limited, as more sites are occupied by TAZ from the sample, fewer sites are left to bind TAZ-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TAZ concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TAZ elisa kit	Signal Transduction; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	320543856
NCBI GeneID	36405
NCBI Accession #	NP_001188916.1
NCBI GenBank Nucleotide #	NM_001201987.2
UniProt Accession #	Q9V6G5; Q8ML32; Q8SZ79; Q9U9U8; Q9V6G4
Molecular Weight	32,073 Da
NCBI Official Full Name	tafazzin, isoform D
NCBI Official Synonym Full Names	Tafazzin
NCBI Official Symbol	Taz
NCBI Official Synonym Symbols	CG8766; DmelCG8766; dTAZ; tafazzin; taz; TAZ
NCBI Protein Information	tafazzin
UniProt Protein Name	Tafazzin homolog
UniProt Gene Name	Taz
UniProt Synonym Gene Names	dTAZ

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.