

Bovine Transmembrane and immunoglobulin domain-containing protein 1 (TMIGD1) ELISA Kit

Catalog No: #EK6340

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Package Size: #EK6340-1 48T #EK6340-2 96T

Description

Product Name	Bovine Transmembrane and immunoglobulin domain-containing protein 1 (TMIGD1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Bovine (Bos taurus; Cattle)
Other Names	TMIGD; UNQ9372; AWKS9372 transmembrane and immunoglobulin domain containing
Accession No.	Q3T113
Uniprot	Q3T113
GeneID	506345;
Storage	<p>The stability of ELISA 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.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate TMIGD1 in samples. An antibody specific for TMIGD1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTMIGD1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMIGD1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TMIGD1 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**TMIGD2 Contains2 Ig-like (immunoglobulin-like) domain. Immunoglobulin-like domains that are related in both sequence and structure can be found in several diverse protein families. Ig-like domains are involved in a variety of functions, including cell-cell recognition, cell-surface receptors, muscle structure and the immune system. This entry is for immunoglobulin-like domains. Studies indicate that the interactions essential for defining the structure of these beta sandwich proteins are also important in nucleation of folding, and that proteins containing this fold may share similar folding pathways even though the proteins may have low sequence homology. The fold consists of a beta-sandwich formed of 7 strands in 2 sheets with a Greek-key topology. Some members of the fold have additional strands.

Note: This product is for in vitro research use only