

Canine Golgi membrane protein 1 (GOLM1) ELISA Kit

Catalog No: #EK12011



Package Size: #EK12011-1 48T #EK12011-2 96T

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Canine Golgi membrane protein 1 (GOLM1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Canine (Canis familiaris; Dog)
Accession No.	Q8NBJ4
Uniprot	Q8NBJ4
GeneID	51280;
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 GOLM1 in samples. An antibody specific for GOLM1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyGOLM1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GOLM1 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 GOLM1 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**Golgi protein-73 (GP73), a resident Golgi glycoprotein, is up-regulated in hepatocellular carcinoma (HCC). GP73 is a novel serum marker for HCC.The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. 1 is a type II Golgi transmembrane protein. It processes protein synthesized in the rough endoplasmic reticulum and assists in the transport of protein cargo through the Golgi apparatus. The expression of this encoded protein has been observed to be upregulated in response to viral infection. Two alternatively spliced transcript variants encoding the same protein have been described for this gene.It is overexpressed in prostate cancer.

Note: This product is for in vitro research use only