

Mouse Protein Wnt-16 (WNT16) ELISA Kit

Catalog No: #EK5827



Package Size: #EK5827-1 48T #EK5827-2 96T

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Description

Product Name	Mouse Protein Wnt-16 (WNT16) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Accession No.	Q9QYS1
Uniprot	Q9QYS1
GeneID	93735;
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:78.1-5000 pg/mL

Sensitivity:28 pg/mL

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 WNT16 in samples. An antibody specific for WNT16 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyWNT16 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WNT16 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 WNT16 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**WNT2 is a member of the WNT gene family. The WNT gene family consists of structurally related genes which encode secreted signaling proteins which are involved in the Wnt signaling pathway. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Alternatively spliced transcript variants have been identified for this gene.

The INT1-related protein is an additional member of the INT1 growth factor gene family. Because of its homology to protooncogene INT1, IRP is also symbolized INT1L1. IRP is expressed in a variety of fetal and adult human tissues that do not overlap with the pattern of expression of INT1.

Note: This product is for in vitro research use only