

## Bovine Glutamine-rich protein 1 (QRICH1) ELISA Kit

Catalog No: #EK7839



Package Size: #EK7839-1 48T #EK7839-2 96T

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Bovine Glutamine-rich protein 1 (QRICH1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Bovine (Bos taurus; Cattle)
Other Names	FLJ20259; MGC131838; OTTHUMP00000210560
Accession No.	Q0P5J0
Uniprot	Q0P5J0
GeneID	511970;
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 QRICH1 in samples. An antibody specific for QRICH1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyQRICH1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for QRICH1 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 QRICH1 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:QRICH1 contains 1 CARD domain. Glutamine is one of the 20 amino acids encoded by the standard genetic code. It is not an essential amino acid. Its side-chain is an amide formed by replacing the side-chain hydroxyl of glutamic acid with an amine functional group. Therefore, it can be considered the amide of glutamic acid.

Caspase activation and recruitment domains (CARDs), are interaction motifs found in a wide array of proteins, typically those involved in processes relating to inflammation and apoptosis. These domains mediate the formation of larger protein complexes via direct interactions between individual CARDs. CARD domains are found on a strikingly wide range of proteins, including helicases, kinases, mitochondrial proteins, caspases, and other cytoplasmic factors.

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Note: This product is for in vitro research use only