

Human Glutamine-Rich Protein 1 (QRICH1) ELISA Kit | QRICH1 elisa kit

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CATALOG #
AAA331184

REACTIVITY
Human

PRODUCT SYNONYMS

Glutamine-Rich Protein 1 (QRICH1); Human Glutamine-Rich Protein 1 (QRICH1) ELISA Kit; QRICH1; FLJ20259; MGC131838; OTTHUMP00000210560; QRICH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Glutamine-rich protein 1 (QRICH1) ELISA Kit has high sensitivity and excellent specificity for detection of Human QRICH1. No significant cross-reactivity or interference between Human QRICH1 and analogues was observed.
Sequence Length	776
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Glutamine-rich protein 1 (QRICH1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for QRIC1 elisa kit	Description: This Human Glutamine-rich protein 1 (QRICH1) ELISA Kit employs a two-site sandwich ELISA to quantitate QRIC1 in samples. An antibody specific for QRIC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any QRIC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for QRIC1 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 QRIC1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: QRIC1 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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NCBI AND UNIPROT INFORMATION

NCBI GI #	38570097
NCBI GeneID	54870
NCBI Accession #	NP_060200.2
NCBI GenBank Nucleotide #	NP_060200.2
UniProt Accession #	Q2TAL8
NCBI Official Full Name	glutamine-rich protein 1
NCBI Official Synonym Full Names	glutamine rich 1
NCBI Official Symbol	QRICH1
NCBI Official Synonym Symbols	AB-DIP; VERBRAS
NCBI Protein Information	glutamine-rich protein 1
UniProt Protein Name	Glutamine-rich protein 1
UniProt Gene Name	QRICH1
UniProt Entry Name	QRIC1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/glutamine-rich-protein-1-qrich1/331184>