

Human Protein quaking (QKI) ELISA Kit | QKI elisa kit

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CATALOG #
AAA244417

REACTIVITY
Human

PRODUCT SYNONYMS

Protein quaking (QKI); Human Protein quaking (QKI) ELISA Kit; QKI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for QKI elisa kit

Intended Uses: This QKI ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human QKI. This ELISA kit for research use only!

Principle of the Assay: QKI ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for QKI. Standards or samples are then added to the microtiter plate wells and QKI if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of QKI present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for QKI are added to each well to "sandwich" the QKI immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain QKI and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The QKI concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226958440
NCBI GeneID	19317

NCBI Accession #	NP_001152989.1
NCBI GenBank Nucleotide #	NM_001159517.1
Molecular Weight	35,227 Da
NCBI Official Full Name	protein quaking isoform 1
NCBI Official Synonym Full Names	quaking
NCBI Official Symbol	Qk
NCBI Official Synonym Symbols	Qkl; l17Wis1; 1500005P18; l(17)-1Wis; 1110003F05Rik
NCBI Protein Information	protein quaking; QKI-5 protein; lethal, Chr 17, U Wisconsin 1
UniProt Protein Name	Protein quaking
UniProt Gene Name	Qki
UniProt Synonym Gene Names	Qk; Qk1; Qka1; Mqkl; qkl
UniProt Entry Name	QKI_MOUSE

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/protein-quaking-qki/244417>