

Human Fragile X Mental Retardation 1 (FMR1) RTU ELISA Kit | FMR1 rtu elisa kit

Human Fragile X Mental Retardation 1 (FMR1) ELISA Kit

CATALOG #
AAA70709

REACTIVITY
Human

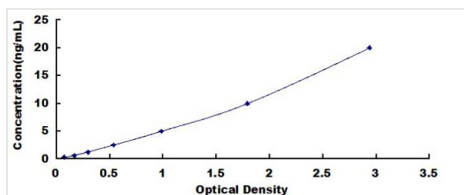
PRODUCT SYNONYMS

Fragile X Mental Retardation 1 (FMR1); Human Fragile X Mental Retardation 1 (FMR1) ELISA Kit; Human Fragile X Mental Retardation 1 (FMR1) ELISA Kit FMR1 DL-FMR1-Hu FMRP; FRAXA; FMR1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	537
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.105ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FMR1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FMR1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FMR1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FMR1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of FMR1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	297374777
NCBI GeneID	2332
NCBI Accession #	NP_001172004.1
NCBI GenBank Nucleotide #	NM_001185075.1
UniProt Accession #	Q06787; Q16578; Q5PQZ6; Q99054; A6NNH4; D3DWT0; D3DWT1; D3DWT2; G8JL90
Molecular Weight	58,835 Da
NCBI Official Full Name	synaptic functional regulator FMR1 isoform ISO6
NCBI Official Synonym Full Names	fragile X mental retardation 1
NCBI Official Symbol	FMR1
NCBI Official Synonym Symbols	POF; FMRP; POF1; FRAXA
NCBI Protein Information	synaptic functional regulator FMR1
UniProt Protein Name	Synaptic functional regulator FMR1
UniProt Gene Name	FMR1
UniProt Synonym Gene Names	Protein FMR-1

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-rtu-elisa-kits/fragile-x-mental-retardation-1-fmr1/70709>