

Human Muscle, Skeletal, Receptor Tyrosine Kinase (MUSK) RTU ELISA Kit | MUSK rtu elisa kit

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CATALOG # AAA217235	REACTIVITY Human
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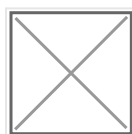
PRODUCT SYNONYMS

Muscle; Skeletal; Receptor Tyrosine Kinase (MUSK); Human Muscle; Receptor Tyrosine Kinase (MUSK) ELISA Kit; Muscle-specific tyrosine-protein kinase receptor; Muscle-specific kinase receptor; MUSK rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	783
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/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 MUSK rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MUSK. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MUSK. 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 MUSK, 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 MUSK in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	261878455
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NCBI GeneID	4593
NCBI Accession #	NP_001159752.1
NCBI GenBank Nucleotide #	NM_001166280.1
UniProt Accession #	O15146; Q32MJ8; Q32MJ9; Q5VZW7; Q5VZW8
Molecular Weight	86,425 Da
NCBI Official Full Name	muscle, skeletal receptor tyrosine-protein kinase isoform 2
NCBI Official Synonym Full Names	muscle associated receptor tyrosine kinase
NCBI Official Symbol	MUSK
NCBI Official Synonym Symbols	CMS9; FADS
NCBI Protein Information	muscle, skeletal receptor tyrosine-protein kinase
UniProt Protein Name	Muscle, skeletal receptor tyrosine-protein kinase
UniProt Gene Name	MUSK
UniProt Synonym Gene Names	MuSK; Muscle-specific kinase receptor

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/muscle-skeletal-receptor-tyrosine-kinase-musk/217235>