

Mouse Myosin Binding Protein C, Slow Type (MYBPC1) CLIA Kit | MYBPC1 clia kit

Mouse CLIA Kit for Myosin Binding Protein C, Slow Type (MYBPC1) CLIA Kit

CATALOG #
AAA189717

REACTIVITY
Mouse

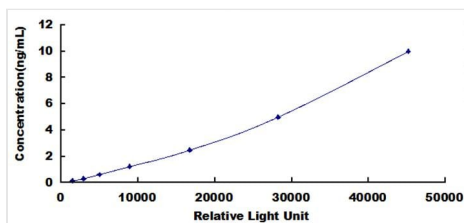
PRODUCT SYNONYMS

Myosin Binding Protein C; Slow Type (MYBPC1); Mouse CLIA Kit for Myosin Binding Protein C; Slow Type (MYBPC1) CLIA Kit; MYBPCC; MYBPCS; C-protein; skeletal muscle slow isoform; MYBPC1/Myosin Binding Protein C; Slow Type; MYBPC1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MYBPC1. No significant cross-reactivity or interference between MYBPC1 and analogues was observed.
Samples	Mouse tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.056ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MYBPC1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MYBPC1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months The stability of 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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYBPC1 clia kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to MYBPC1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to MYBPC1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the MYBPC1 level in the sample or standard. Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of MYBPC1 in mouse tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for MYBPC1 clia kit	Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	356991157
NCBI GeneID	109272
NCBI Accession #	NP_001239301.1
NCBI GenBank Nucleotide #	NM_001252372.1
UniProt Accession #	Q6P6L5
Molecular Weight	126,197 Da
NCBI Official Full Name	myosin-binding protein C, slow-type isoform 1
NCBI Official Synonym Full Names	myosin binding protein C, slow-type
NCBI Official Symbol	Mybpc1
NCBI Official Synonym Symbols	8030451F13Rik
NCBI Protein Information	myosin-binding protein C, slow-type
UniProt Protein Name	Myosin-binding protein C, slow-type
UniProt Gene Name	Mybpc1

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/mouse-clia-kits/myosin-binding-protein-c-slow-type-mybpc1/189717>