

Human MYBPC3 (Myosin Binding Protein C, Cardiac) CLIA Kit | MYBPC3 clia kit

Human MYBPC3 (Myosin Binding Protein C, Cardiac) CLIA Kit

CATALOG #
AAA170845

REACTIVITY
Human

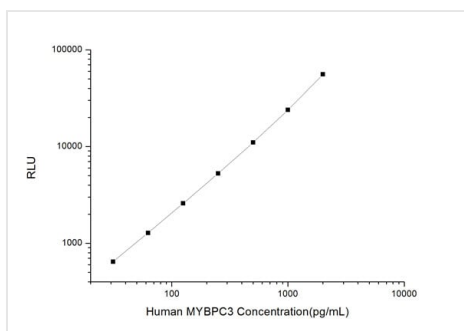
PRODUCT SYNONYMS

MYBPC3 (Myosin Binding Protein C; Cardiac); Human MYBPC3 (Myosin Binding Protein C; Cardiac) CLIA Kit; MYBPC3 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant MYBPC3. No significant cross-reactivity or interference between MYBPC3 and analogues was observed.
Sequence Length	1274
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYBPC3 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of MYBPC3 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to MYBPC3. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for MYBPC3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain MYBPC3, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of MYBPC3. You can calculate the concentration of MYBPC3 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153217306
NCBI GeneID	4607
Molecular Weight	140,703 Da
NCBI Official Full Name	Myosin binding protein C, cardiac
NCBI Official Synonym Full Names	myosin binding protein C, cardiac
NCBI Official Symbol	MYBPC3
NCBI Official Synonym Symbols	FHC; CMH4; CMD1MM; LVNC10; MYBP-C
NCBI Protein Information	myosin-binding protein C, cardiac-type
UniProt Protein Name	Myosin-binding protein C, cardiac-type
UniProt Gene Name	MYBPC3
UniProt Synonym Gene Names	Cardiac MyBP-C
UniProt Entry Name	MYPC3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/mybpc3-myosin-binding-protein-c-cardiac/170845>