

Human MYBPC3 ELISA Kit | MYBPC3 elisa kit

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

CATALOG #
AAA163398

REACTIVITY
Human

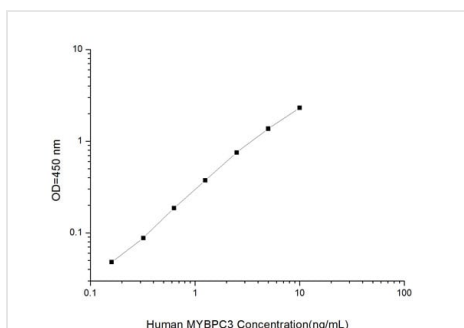
PRODUCT SYNONYMS

MYBPC3; Human MYBPC3 (Myosin Binding Protein C; Cardiac) ELISA Kit; MYBPC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human MYBPC3. No significant cross-reactivity or interference between Human MYBPC3 and analogues was observed.
Sequence Length	1274
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Human MYBPC3 concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYBPC3 elisa kit	Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to MYBPC3. Standards or samples are added to the appropriate micro ELISA 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 blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of MYBPC3. You can calculate the concentration of MYBPC3 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148596957
NCBI GeneID	4607
NCBI Accession #	NP_000247.2
NCBI GenBank Nucleotide #	NM_000256.3
UniProt Accession #	Q14896 ; Q16410 ; Q6R2F7 ; Q9UE27 ; Q9UM53 ; A5PL00
Molecular Weight	140,703 Da
NCBI Official Full Name	myosin-binding protein C, cardiac-type
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; C-protein, cardiac muscle isoform
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/mybpc3/163398>