

## Canine Myosin Binding Protein C, Cardiac ELISA Kit | MYBPC3 elisa kit

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CATALOG #  
**AAA122882**

REACTIVITY  
**Canine**

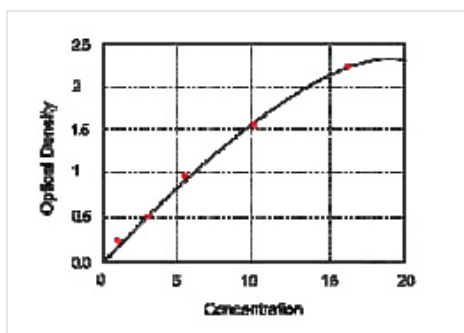
### PRODUCT SYNONYMS

Myosin Binding Protein C; Cardiac; Canine Myosin Binding Protein C; Cardiac ELISA Kit; MYBPC3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                                           |
| Sequence Length         | 1274                                                                                                                                                                                             |
| Samples                 | Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates                                                                                                                         |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 0.2ng/ml-70ng/ml                                                                                                                                                                                 |
| Sensitivity             | 0.13ng/ml                                                                                                                                                                                        |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MYBPC3 elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Melanoma-associated Antigen D4 (also known as MAGED4/MAGED4B) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.</p> <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine MAGED4/MAGED4B antibody. MAGED4/MAGED4B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine MAGED4/MAGED4B Antibody is added and binds to MAGED4/MAGED4B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MAGED4/MAGED4B antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Canine MAGED4/MAGED4B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 153217306                              |
| NCBI GeneID                      | 4607                                   |
| 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 |

**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/canine-elisa-kits/myosin-binding-protein-c-cardiac/122882>