Cardiac Troponin T Monoclonal Matched Antibody Pair, PBS Only

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Catalog Number: MP50338-4

Capture Antibody Information

Catalog Number: 68300-4-PBS	**Clone ID:** 3G6G8	**Conjugate:** Unconjugated
Host: Mouse	**Reactivity:** human	**Full name:** troponin T type 2 (cardiac)
Isotype: IgG1	**GenBank:** BC002653	**Gene ID:** 7139
Purification Method: Protein G purification	**Immunogen Catalog Number:** Ag7716	

Detection Antibody Information

Catalog Number: 68300-2-PBS	**Clone ID:** 4G3H5	**Conjugate:** Unconjugated
Host: Mouse	**Reactivity:** human	**Full name:** troponin T type 2 (cardiac)
Isotype: IgG3	**GenBank:** BC002653	**Gene ID:** 7139
Purification Method: Protein A purification	**Immunogen Catalog Number:** Ag7716	

Applications

Tested Applications: Cytometric bead array	**Range:** 0.195-50 ng/mL (Cytometric Bead Array)	**Recommended Dilutions:** It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP50338-4 targets Cardiac Troponin T in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: cTnT Monoclonal antibody, PBS Only (Capture) 68300-4-PBS (3G6G8). 100 μg. Concentration 1 mg/ml.

Detection antibody: cTnT Monoclonal antibody, PBS Only (Detector) 68300-2-PBS (4G3H5). 100 μg. Concentration 1 mg/ml.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.
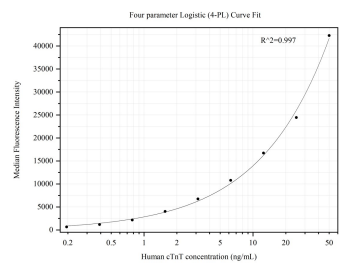
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage buffer:
PBS only

Selected Validation Data

Four parameter Logistic (4-PL) Curve Fit

R^2=0.997

Medium Fluorescence Intensity

Human cTnT concentration (ng/mL)

Cytometric bead array standard curve of MP50338-4, cTnT Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68300-4-PBS. Detection antibody: 68300-2-PBS. Standard:Ag7716. Range: 0.195-50 ng/mL.