

Human cTn-I/TNNI3 (cardiac Troponin I) CLIA Kit | cTn-I/TNNI3 clia kit

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CATALOG #
AAA171340

REACTIVITY
Human

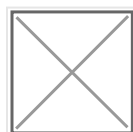
PRODUCT SYNONYMS

cTn-I/TNNI3 (cardiac Troponin I); Human cTn-I/TNNI3 (cardiac Troponin I) CLIA Kit; TNNC1; cTnI; CMD1FF; CMD2A; CMH7; RCM1; cTn-I/TNNI3 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and some recombinant Human cTn-I/TNNI3. No significant cross-reactivity or interference between Human cTn-I/TNNI3 and analogues was observed.
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for cTn-I/TNNI3 clia kit

Intended Uses: This kit can be applied to the in vitro quantitative determination of Human cTn-I/TNNI3 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 Human cTn-I/TNNI3. Standards or samples are added to appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human cTn-I/TNNI3 and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well successively and incubated. After incubation, free components are washed away. Then the Substrate Reagent is added to each well, only those wells that contain Human cTn-I/TNNI3, 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 Human cTn-I/TNNI3. The concentration of Human cTn-I/TNNI3 in samples can be calculated by comparing the RLU value of the samples to the standard curve.

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.