

# Looking for a reliable cardiac raw material supplier? We IVD do that

## Trusted cardiac raw material partner for IVD manufacturers

Cardiovascular disease (CVD) accounts for approximately one third of all deaths globally and is a major contributing factor towards rising healthcare costs. *In vitro* diagnostic (IVD) assays for detecting cardiac markers are essential tools to help treat or prevent CVD.

Partnering with an experienced reagent manufacturer such as Medix Biochemica, with a proven track record in batch-to-batch consistency, delivery accuracy, scalability and formulation flexibility is essential to enable streamlined IVD development. IVD assay performance and utility hinges on high quality reagents that are available in unlimited supply.

### Our antibodies are produced in the European Union/ Finland

- We manufacture antibodies *in vitro* in cell culture
- No serum or other animal derived components are used during manufacturing

### High quality antibodies and antigens are rapidly available in bulk quantities

- Our antibodies have been tested extensively
- We offer matched antibody pair recommendations

## Troponin I

Monoclonal antibody	Cat number	Epitope
RC9750, our best performing cTnI mAb	<b>700050</b>	N-terminal region 39-52 very widely used "gold standard" epitope
9707 and RC9707 (recombinant)	<b>100180 / 140020</b>	C-terminal region 190-195
9701 and RC9701 (recombinant)	<b>100129 / 140000</b>	Mid-region 85-95
9705	<b>100125</b>	N-terminal region 21-30

All mAbs from different epitope regions can be used as pairs, and many Troponin I tests use a combination of 3-4 antibodies to reach the best sensitivity.

Our antibodies provide excellent performance, matching the current industry standard mAbs.

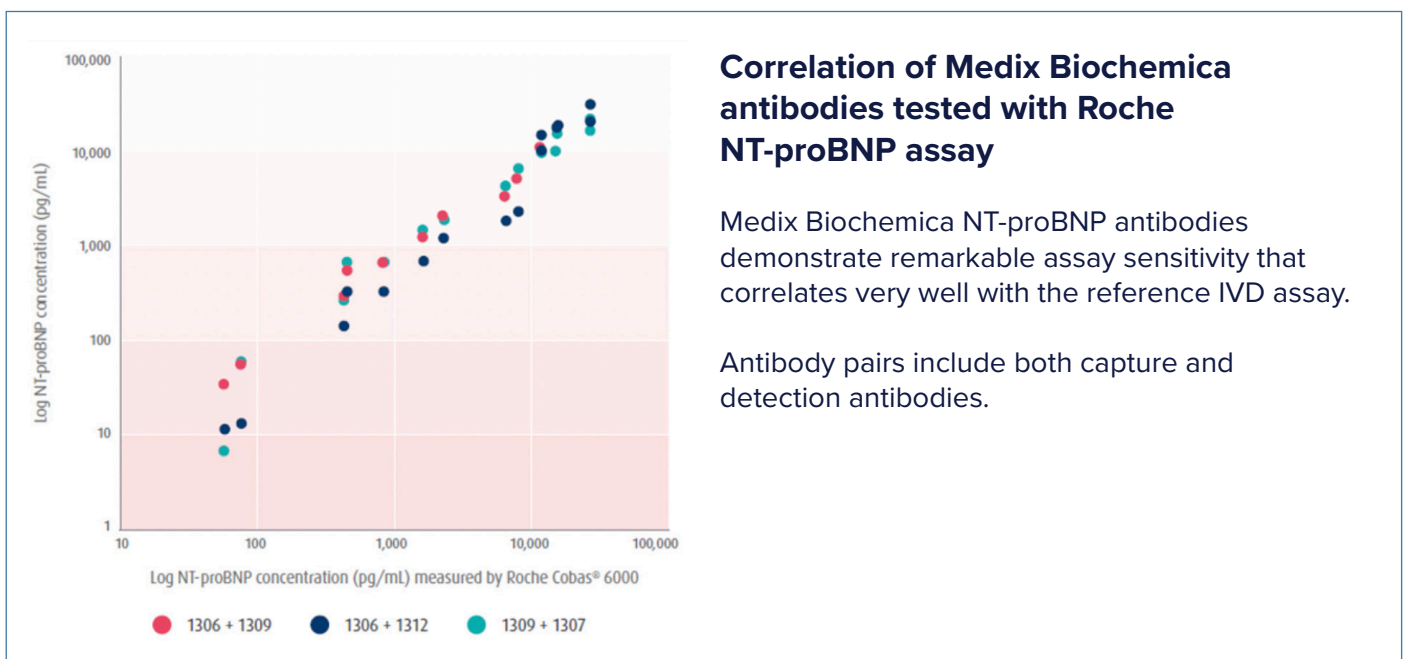
Antigen	Cat number
Cardiac Troponin I native antigen	<b>550-11</b>
Cardiac Troponin ITC native antigen	<b>550-08</b>
Cardiac Troponin I recombinant antigen	<b>610102</b>

## NT-proBNP

Monoclonal antibody	Cat number	Epitope
1309, our best-performing mAb	<b>100710</b>	C-terminal region 59-70
1306 and RC1306 (recombinant)	<b>100521 / 140010</b>	N-terminal region 12-28
1308	<b>100712</b>	N-terminal region 22-34
1312	<b>100717</b>	C-terminal region 59-70

The most commonly used pairs combine the N-terminal or Mid-region to the C-terminal epitope, e.g. 1306+1309.

Antigen	Cat number
NT-proBNP recombinant antigen	<b>610090</b>
Brain Natriuretic Peptide-32 (BNP-32), Synthetic	<b>129-10</b>



## D-dimer

Monoclonal antibody	Cat number	Application	Pairs with
1408	<b>100799</b>	FIA	1409
1409	<b>100800</b>	FIA	1408
1401	<b>100204</b>	FIA	1408, 1409
1403	<b>100228</b>	IT	1404
1404	<b>100479</b>	IT	1407

FIA = fluorescent immunoassay, IT = immunoturbidimetry assay  
 Best antibody pairs for FIA: 1409-1408, 1408-1409, 1401-1409, 1401-1408  
 Best antibody pair for IT: 1403-1404

Antigen	Cat number
Native D-Dimer	<b>200-09, 200-12, 200-13</b>

See our entire cardiac portfolio [here](#) and to discuss how we can help deliver on your goals, contact us today: [sales@medixbiochemica.com](mailto:sales@medixbiochemica.com)