

PRODUCT SPECIFICATIONS

2015-09-16

PRODUCT NAME	: Anti-h cTnI 9707 Fab, biotinylated
PRODUCT SPECIFICITY	: Antibody recognizes human Cardiac Troponin I
PRODUCT CODE	: 600000
ANALYTE DESCRIPTION	: Troponins form a complex (Troponin C, I and T) of three regulatory proteins that are integral to muscle contraction in skeletal and cardiac muscle, but not smooth muscle. Troponin levels can be used as a test of several different heart disorders, including myocardial infarction. The measurement of serum cTnI and cTnT is superior in terms of sensitivity and specificity to cardiac muscle enzyme measurements in the identification of cardiac muscle damage. Raised cardiac troponin concentrations are now accepted as the standard biochemical marker for the diagnosis of myocardial infarction.
PRODUCT DESCRIPTION	: Recombinant mouse-human chimeric Fab fragment antibody based on the MedixMAB Anti-h cTnI clone 9707. Produced in <i>E. coli</i> and purified chromatographically. Site-specifically biotinylated using an extra cysteine residue in the C-terminal part of CH1.
PRODUCT BUFFER	: 50 mM Tris-Cl, pH 7.75, 0.9 % NaCl, 0.1 % DTPA-BSA, 0.05 % NaN ₃ as a preservative
STORAGE	: Store at 2-8 °C

PARAMETERS TESTED FROM EACH LOT

APPEARANCE	: Clear liquid, may turn opaque during storage.
CONCENTRATION	: 1 mg/ml (+/- 10 %)
ACTIVITY	: 80-120 % compared to reference in an IFMA test
PURITY	: ≥ 95 %

PROPERTIES OF THE PROGENITOR MedixMAB MONOCLONAL ANTIBODY

AFFINITY CONSTANT	: 8.0 x 10 ⁹ l/mol				
EPI TOPE	: C-terminal end of the molecule (residues 190-195)				
PAIR RECOMMENDATIONS	: <table border="0"> <tr> <td>SOLID</td> <td>LABEL</td> </tr> <tr> <td>9707</td> <td>9701, 9703 or 9705</td> </tr> </table>	SOLID	LABEL	9707	9701, 9703 or 9705
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9707	9701, 9703 or 9705				

Please note that pair recommendations are based on results obtained in our laboratory. Equally good results may be obtained using other pairs and therefore these recommendations should be taken only as a directive.

Oy Medix Biochemica Ab

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Legal disclaimer

MedixMAB monoclonal antibodies, MedixMAB Fab fragments and MedixAntigens meet their specifications if transported, stored and used according to the instructions for use. If not otherwise agreed in writing all products are sold under *General Delivery Terms*. Further information on products is available on the internet.

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