Helvetica Health Care

healthcare at the speed of life

CARDIAC MARKERS

LumiQuick and Boson's Rapid Cardiac Marker Tests are immunochromatographic assays to quickly detect cardiac troponin I (cTnl),CK-MB and Myoglobin in human blood specimens as an aid in the diagnosis of myocardial infarction. The product line includes individual test card and multiple marker test panel. The products are simple to perform, quickly to get results, easy to interpret.

Product specification

Tests	*Specimen*	*Format*	*Read Time*	*Sensitivity*	*Packaging*
Troponin I	Serum, plasma or whole blood	1 Test Card	15 minutes	1.5 ngfml(Abbott AxSYMj	25 Testslkit
CK-MB	Serum, plasma or whole blood	1 Test Card	10 minutes	7ngfml	25 Testslkit
Myoglobin	Serum, plasma or whole blood	1 Test Card	10 minutes	100 ngfml	25 Testslkit
Cardiac Panel	Serum, plasma or whole blood	1 Test Card	15 minutes	Tn 11.5 ngfml	25 Testslkit

Test procedure

1. Remove the test device from the pouch.
2. Add certain amount of sample to the device.(procedures varies depending on test formats)
3. Read the results at 15 minutes.

Do you have any question or would you be interested to receive our quotation?
Please contact us by e-mail (sales@helveticahealthcare.com)
or by phone (+41 22 534 94 54)

Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics

Helvetica Health Care

healthcare at the speed of life

Interpretation of results

Product Name	*Cat. No.*	*Specimen*	*Fomat*	*Packaging*	*CE MARKED*
Troponin I Test	75001	Serum/Plasma	Cassette	25 Tests/box	NO
Troponin I Test	75002	Whole Blood/Serum/Plasma	Cassette	25 Tests/box	NO
CK-MB Test	7500	Serum/Plasma	Cassette	25 Tests/box	NO
CK-MB Test	7500	Whole Blood/Serum/Plasma	Cassette	25 Tests/box	NO
Myoglobin Test	75005	Serum/Plasma	Cassette	25 Tests/box	NO
Myoglobin Test	75006	Whole Blood/Serum/Plasma	Cassette	25 Tests/box	NO
Cardiac panel, CK-MB/Myo/TnI	75004	Serum/Plasma	Cassette	25 Tests/box	YES
Cardiac panel, CK-MB/Myo/TnI	75003	Whole Blood/Serum/Plasma	Cassette	25 Tests/box	YES

Do you have any question or would you be interested to receive our quotation?
Please contact us by e-mail (sales@helveticahealthcare.com)
or by phone (+41 22 534 94 54)

Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics

Helvetica Health Care

healthcare at the speed of life

BioNexia®

The BioNexia® Troponin I Test is a rapid one-step chromatographic immunoassay for the qualitative detection of human cardiac Troponin I in whole blood, serum or plasma as an aid in the diagnosis of myocardial infarction (MI).

Cardiac Troponin I (cTnI) is a protein found in cardiac muscle with a molecular weight of 22.5 kDa. Troponin I is part of a three subunit complex comprising of Troponin T and Troponin C. Along with tropomyosin, this structural complex forms the main component that regulates the calcium sensitive ATPase activity of actomyosin in striated skeletal and cardiac muscle. After cardiac injury occurs, cTnI is released into the blood 4-6 hours after the onset of pain.

The release pattern of cTnI is similar to CK-MB, but while CK-MB levels return to normal after 72 hours, cTnI levels remain elevated for 6-10 days, thus providing a longer window of detection for cardiac injury. The high specificity of cTnI measurements for the identification of myocardial damage has been demonstrated in conditions such as the perioperative period, after marathon runs, and blunt chest trauma. cTnI release has also been documented in cardiac conditions other than acute myocardial infarction /AMI) such as unstable angina, congestive heart failure, and ischemic damage due to coronary artery bypass surgery. Because of its high specificity and sensitivity in the myocardial tissue, cTnI has recently become the most preferred biomarker for myocardial infarction.

The BioNexia® Troponin I Test is a simple test that utilizes a combination of particle conjugated anti-cTnI antibodies and capture reagent to selectively detect cTnI in whole blood, serum or plasma. The minimum detection level is 1.0 ng/mL.

Instruction for use (PDF)

Product-Flyer (PDF)

ART. CODE	*NAME*	*SIZE*	CE MARKED
BM-TNI-4D	**BioNexia Troponin I Test**	5 tests	**YES**

Do you have any question or would you be interested to receive our quotation?
Please contact us by e-mail (sales@helveticahealthcare.com)
or by phone (+41 22 534 94 54)

Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics

Helvetica Health Care

healthcare at the speed of life

The Bionexia® D-dimer cassette test is a rapid, visual test for the qualitative detection of D-dimer in plasma or whole blood.

This test is intended as an aid in the diagnosis of disseminated intravascular coagulation (DIC), deep venous thrombosis (DVT) and pulmonary embolism. For professional in vitro diagnostic use only.

D-dimer testing was originally developed in the diagnosis of disseminated intravascular coagulation (DIC). In the 1990s, it turned out to be useful in diagnosis of thromboembolic process. D-dimer is a fi brin degradation product, a small protein fragment present in the blood after a blood clot is degraded by fi brinolysis. During coagulation of blood, fi brinogen is metabolized to fi brin by thrombin activation. Fibrin consists of D- and E- units. The cleavage of fi brin leads to so called D-dimers. D-dimer concentration may be determined by a blood test to help diagnose thrombosis. Since its introduction in the 1990s, it has become an important test performed patients suspected of thrombotic disorders. While a negative result practically rules out thrombosis, a positive result can indicate thrombosis but does not rule out other potential etiologies. Its main use, therefore, is to exclude thromboembolic disease where the probability is low. D-dimer testing is of clinical use when there is a suspicion of deep venous thrombosis (DVT) or pulmonary embolism (PE). In patients suspected of disseminated intravascular coagulation (DIC), D-dimer testing may aid in the diagnosis.

Instruction for use (PDF)

Product-Flyer (PDF)

ART. CODE	*NAME*	*SIZE*	CE MARKED
BM-DDI-1D	**BioNexia D-Dimer Test**	5 tests	**YES**

Do you have any question or would you be interested to receive our quotation?
Please contact us by e-mail (sales@helveticahealthcare.com)
or by phone (+41 22 534 94 54)

Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics - Diagnostics