

SCRIPPS PRODUCT REVIEW

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Purified Cardiac Troponin I

The cardiac isoform of Troponin I (cTnI) has been found more sensitive in the diagnosis of myocardial infarction (MI) than CK-MB. In addition, cTnI was found to be more specific for MI diagnosis than CK-MB, myoglobin, the LDH isoenzymes, and even the cardiac form of Troponin T.

The instability of purified cTnI is well-known. Scientists at Scripps have worked very hard to develop and manufacture a stable, unfragmented, cTnI preparation. The result is what you see in the figure to the right: highly purified, single-band cTnI!

Antibodies

Please inquire about the availability of monoclonal and polyclonal antibodies.

To evaluate these or other materials, please call, fax, or contact us via our website.

Contact Scripps for all your bulk biochemicals:

HORMONES
CARDIA C MARKERS
CANCER MARKERS
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ANTIBODIES

(colloidal gold conjugation is available)

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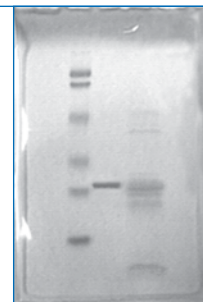
Cardiac Troponin Raw Materials for Immunoassay Development

Single-band cTnI

(Cat. Nos. T1414 & T1424)

14% SDS-PAGE	Lane	Sample
Reducing, denaturing gel	1	MW Markers
2µg load size	2	Scripps TnI
Stained with Coomassie blue	3	Competitor TnI

Lane 1 2 3



Purified Cardiac Troponin Preparations

Catalog No.	Product	Remarks
T1424	Cardiac Troponin I	≥ 95%; Liquid
T1414	Cardiac Troponin I	≥ 95%; Lyophilized
T1423	Cardiac Troponin I	Fragmented; lower MW fragments react with TnI monoclonal antibodies
T5224	Cardiac Troponin C	≥ 95%; Liquid
T1514	Cardiac Troponin T	≥ 95%; Lyophilized

Purified Skeletal Troponin Preparations

Catalog No.	Product	Remarks
T4924	Rabbit Troponin C	≥ 95%; Liquid
T3924	Human Troponin I	≥ 95%; Liquid

Troponin IC Complex

Catalog No.	Subunit Composition	Remarks
T5124	Human Cardiac TnI and Rabbit Skeletal Muscle TnC	Purity reported as assayed