

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: K31342G **Lot #:** 2E13222

Description: Goat A' Troponin I-Cardiac
Goat Antibody to Troponin I-Cardiac

Specificity: Specific for Human Cardiac Troponin I. Recognizes epitopes located in the 69-86 region of Troponin I.
Cross reactivity with human skeletal Troponin I is < 1% by ELISA.

Host Animal: Goat

Immunogen: Highly purified human cardiac Troponin I.

Format: Affinity Purified, Liquid

Purification: > 95% pure. Affinity purified with solid phase human cardiac troponin I peptide 4.

Concentration: 6.36 mg/mL (OD280nm, E^{1%} = 13)

Buffer: 10 mM Sodium Phosphate, 0.85% (w/v) Sodium Chloride, pH 7.2.

Preservative: 0.05% Sodium Azide

Applications: Suitable for use in Immunoassay and Immunohistochemistry. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Recommended antibody pairs for sandwich immunoassay:

| | |
|----------------|------------------|
| <u>Capture</u> | <u>Detection</u> |
| K31015M | K31342G |

Storage: Store at 2-8°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



12 May 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY