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PRODUCT: Human Aorta Protein Medley

CATALOG No. 635310

LOT NUMBER: 6022707A

STORAGE CONDITIONS

Store at -70°C .

SHELF LIFE

1 year from date of receipt under proper storage conditions.

SHIPPING CONDITIONS

Dry ice (-70°C)

DESCRIPTION

An electrophoresis-ready solution of SDS-solubilized proteins prepared from normal tissue. Each tube of concentrate contains a specified concentration of protein isolated from whole tissue homogenates.

SOURCE INFORMATION

normal, whole aortas pooled from 49 male/females, ages 15–65; cause of death: trauma and sudden death

FORM

10 mg/ml protein solution in Laemmli sample buffer (1)(Determined by Bradford Assay using BSA as a standard).

PACKAGE CONTENTS

- 100 μl Protein Concentrate
- User Manual (PT1602-1)

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

1. Gel analysis: A 1–2 μl aliquot of the Protein Medley was run on a 15% SDS polyacrylamide gel, followed by staining with Coomassie blue R-250. Multiple sharp and well-resolved protein bands were observed. There were no smears indicative of degraded proteins.
2. Western analysis: A Western blot was prepared and probed with an anti-tubulin monoclonal antibody. The expected band at 50 kDa was observed via chemiluminescent detection.

REFERENCES

1. Laemmli, U. K. (1970) Cleavage of structural proteins during the assembly of the head of bacteriophage T4. *Nature* 227:680–685.
2. Harlow, E. & Lane, E. (1988) *Antibodies: A Laboratory Manual* (Cold Spring Harbor Laboratory, Cold Spring Harbor, NY).

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