Human Artery Cytoplasmic Lysate

Cat. No. Artery-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	Human Blood Vessel: Artery
Concentration	2 mg/mL or better
Tissue Type	Blood Vessel: Artery
Shipping	Dry ice
Preparation method	Human blood vessel: artery tissue cytoplasmic protein lysate was prepared by isolating the cytoplasmic protein from whole tissue homogenates using a proprietary technique. The human blood vessel: artery tissue was frozen in liquid nitrogen immediately after excision and then stored at -70?C. The cytoplasmic protein is provided in a buffer including HEPES (pH 7.9), MgCl2, KCl, EDTA, Sucrose, glycerol, and a cocktail of protease inhibitors. For quality control purposes, the isolated blood vessel: artery tissue cytoplasmic protein pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The isolated blood vessel: artery tissue cytoplasmic protein is then Western analyzed by GAPDH antibody, and the expression level is consistent with each lot.
Diagnosis	Normal

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Storage Buffer	HEPES pH 7.9, MgCl2, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and NP-40.
Storage Instruction	Store at 2-8?C for continuous use. For extended storage, freeze working aliquots at -70?C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.
Applications	Blood Vessel: Artery cytoplasmic protein lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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