

Human Heart Ventricle (LT) Membrane Lysate

Catalog No. CLH003 **Quantity:** 100 µg

Description: Membrane Protein Lysate of Normal Human Heart Left Ventricle.
Human heart ventricle (left) tissue membrane protein lysate was prepared by isolating the membrane protein from whole tissue homogenates using a proprietary technique. The human heart ventricle (left) tissue was frozen in liquid nitrogen immediately after excision and then stored at -70 °C.
The membrane protein is provided in a buffer including HEPES, pH 7.9, MgCl₂, KCl, EDTA, Sucrose, Glycerol, sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the isolated heart ventricle (left) tissue membrane protein pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The isolated heart ventricle (left) tissue membrane protein is then Western analyzed by either GAPDH or b-actin antibody to confirm there is no signal or very weak signal.

Concentration: ≥2 mg/ml

Diagnosis: Normal

Source: Human Heart Ventricle, left tissue

Formulation: Frozen liquid containing HEPES pH, 7.9, MgCl₂, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40.

Applications: Western Blot

Application Notes: **Centrifuge vial before use.** Lysate is ready to load on SDS -PAGE for Western blotting. 10-20 µg per lane is recommended for a mini gel. The optimal concentration should be determined for each specific application.

Storage & Stability: Store at 2-8°C for 6 months of continuous use. Store in working aliquots at -80°C for up to 1 year. **Avoid repeated freeze-thaw cycles.**

Certification: This material has been tested by acceptable techniques and has been found to be negative for HBsAg, HIV 1/2, and HCV.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.