

## Mouse Heart Tissue Lysate

**Catalog No.** PX374A **Quantity:** 100 µg

**Description:** Heart tissue lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 µg/ml of aprotinin, 5 µg/ml of leupeptin. Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The product was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 50 mM DTT.

**Source:** Mouse heart tissue from balb/c mouse.

**Concentration:** 2 mg/ml

**Formulation:** Heart lysate is supplied in SDS sample buffer containing 50 mM DTT.

**Species:** Mouse

**Applications:** **Centrifuge vial before use.** Mouse heart tissue lysate is ready to load on SDS-PAGE for Western blotting, 10-20 µg per lane is recommended for mini gel.

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

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