

## Human Heart Tissue Lysate

<b>Catalog No.</b>	PX337A	<b>Quantity:</b>	100 µg
	PX337B		0.5 mg

**Description:** Human 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 5% β-mercaptoethanol.

**Source:** Human Heart Tissue - 38 year old female

**Buffer:** Human heart tissue lysate is supplied in 1x SDS sample buffer containing 5% β-mercaptoethanol.

**Species:** Human

**Reconstitution:** During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For lysates with volumes of 200 µl or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

**Applications:** Human heart tissue lysate is ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for mini gel.

**Storage & Stability:** Stable for three months at -20°C. Stable for one year at -80°C. **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.**

