

## Rat Pancreas Tissue Lysate

**Catalog No.** PX416A **Quantity:** 100 µg

**Description:** Rat pancreas tissue lysate was prepared by homogenization in modified RIPA buffer (50 mM Tris-HCl, pH 7.4 + 1% Triton X-100 + 0.2% sodium deoxycholate + 0.2% sodium dodecylsulfate (SDS) + 1 mM sodium ethylenediaminetetraacetate + 1 mM phenylmethylsulfonyl fluoride + 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 lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl, pH 6.8 + 12.5% glycerol + 1% SDS + 0.01% bromophenol blue) containing 5% β-mercaptoethanol.

**Source:** Outbred Sprague Dawley Albino rat

**Concentration:** 2.0 mg/ml

**Formulation:** Pancreas tissue lysate is supplied in 1 x SDS sample buffer containing 5% β-mercaptoethanol.

**Applications:** **Centrifuge vial before use.** Rat pancreas tissue lysate is ready to load on SDS-PAGE for Western blotting. It is recommended to load 10 µg to 20 µg per lane 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.**