

Human Liver Tissue Lysate Normal

Catalog No. PX339A **Quantity:** 100 µg

Preparation: Human liver tissue lysate was prepared by homogenization in a **modified RIPA buffer** (150 mM Sodium Chloride, 50 mM Tris-HCl, pH 7.4, 1 mM EDTA, 1 mM PMSF, 1% Triton X-100, 1% Sodium Deoxycholic Acid, 0.1% SDS, 5 µg/mL Aprotinin, 5 µg/mL Leupeptin.) Tissue and cell debris were removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay.

The tissue 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 50 mM DTT

Concentration: 2.0 mg/mL

Source: Human Liver

Diagnosis: Normal

Concentration: 2 mg/ml

Formulation: Supplied as whole cell lysate in 1 x SDS sample buffer containing 50 mM DTT.

Applications: Western blot

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

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.**

Certification: This material has been tested by accepted 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.