

Human Lung Tumor Lysate

Catalog No. PX358A **Quantity:** 100 µg

Description: Lung Tumor 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 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.

Concentration: 2.0 mg/ml

Source: Human Lung Tissue - 28 year old female

Formulation: Lung Tumor lysate is supplied in SDS sample buffer containing 5% β-mercaptoethanol.

Tissue Type: Lung

Diagnosis: Tumor (Adenocarcinoma)

Applications: **Centrifuge vial before use.** Human lung tumor tissue lysate is ready to load on SDS-PAGE for Western blotting, 10-20 µg per lane is recommended for a 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.**

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.