

Human Lung Tumor Lysate

Catalog No.	PX303A	Quantity:	100 µg
	PX303B		0.5 mg

Description: Human lung tumor (metastatic small cell carcinoma) tissue lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1mM 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 tissue lysate 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 Tumor Lysate - 75 year-old female

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

Tissue Type: Lung

Diagnosis: Tumor (Metastatic Small Cell Carcinoma)

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: The tissue lysate is ready to load on SDS-PAGE for Western blotting, 10 µg to 20 µg per lane is recommended for a mini gel.

Storage & Stability: Store at 2-4°C for continuous use. For extended storage, freeze working aliquots at -80°C. Under proper storage conditions the shelf life is half a year from the date of receipt. **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.