

Human Lung Tissue Lysate

Catalog No.	PX302A	Quantity:	100 µg
	PX302B		0.5 mg

Description: Human lung 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 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 tissue - 76 year-old female

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

Tissue Type: Lung

Diagnosis: Normal

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. Repeated freezing and thawing is not recommended. 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.

