

Human Lung Tissue Lysate

Catalog No.	PX340A PX340B	Quantity:	100 µg 0.5 mg
Description:	Normal Human Lung Tissue from a 38 year old female for use as a control.		
Preparation:	<p>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 EDTA + 1 mM PMSF + 1% Triton X-100, 1% Sodium Deoxycholic Acid + 0.1% SDS + 5 µg/mL Aprotinin + 5 µg/mL Leupeptin.</p> <p>Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay.</p> <p>The tissue lysate was boiled for 5 min in 1 x SDS sample buffer containing β-mercaptoethanol: 50 mM Tris-HCl, pH 6.8, + 12.5% Glycerol + 1% SDS + 0.01% Bromophenol Blue + 5% β-Mercaptoethanol.</p>		
Concentration:	2.0 mg/ml		
Source:	Human Lung		
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:	Western blot		
Application Notes:	Human lung tissue lysate is ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for a mini gel. The optimal concentration should be determined for each specific application.		
Storage & Stability:	Store in aliquoted portions at -20°C for 3 months. Store at -80°C for 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.		

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