

## Human A549 Cell Lysate

<b>Catalog No.</b>	PX309A	<b>Quantity:</b>	100 µg
<b>Description:</b>	A549 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. Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The A431 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 50 mM DTT.		
<b>Concentration:</b>	2.0 mg/ml		
<b>Source:</b>	A549 (Human Lung Carcinoma)		
<b>Formulation:</b>	Supplied in SDS sample buffer containing 50 mM DTT.		
<b>Diagnosis:</b>	Tumor		
<b>Applications:</b>	Western blot		
<b>Application Notes:</b>	<b>Centrifuge vial before use.</b> 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.		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for 6 months of continuous use. Store in working aliquots at -80°C for up to 1 year. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Certification:</b>	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.**

