

## Human Kidney Tissue Lysate Normal

<b>Catalog No.</b>	PX338A PX338B	<b>Quantity:</b>	100 µg 0.5 mg
<b>Description:</b>	Normal Human Kidney Tissue Lysate from a 38 year old female for use a normal control.		
<b>Preparation:</b>	Human kidney 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.  Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad 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% SDS + 0.01% Bromophenol Blue) + 5% BME.		
<b>Concentration:</b>	2.0 mg/mL		
<b>Source:</b>	Human Kidney		
<b>Applications:</b>	Western blot		
<b>Application Notes:</b>	Human Kidney Tissue Lysate Normal is ready to load on SDS -PAGE for Western blotting, 20 µg per lane is recommended for mini gel. The optimal concentration should be determined for each specific application.		
<b>Formulation:</b>	Supplied as whole cell lysate at 100 µg at 2 mg/mL in 1 x SDS sample buffer containing 5% beta-mercaptoethanol.		
<b>Storage &amp; Stability:</b>	Store at -20°C for 3 months. Store at -80°C for 1 year. <b>Avoid freeze / thaw cycles.</b>		
<b>Certification:</b>	This material has been tested by accepted 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.**

