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# Rat Kidney Tissue Lysate

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| **Catalog No.** | PX413A | **Quantity:** | 100 µg |

**Description:** Rat kidney 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 Bio-Rad protein assay. The product 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.

**Source:** Rat kidney tissue from white laboratory rats

**Concentration:** 2 mg/ml

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

**Species:** Rat

**Applications:** **Centrifuge vial before use.** Rat kidney tissue lysate is ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for mini gel.

**Storage & Stability:** Store at 2-8°C for continuous use. Store in working aliquots at -80°C for up to 1 year. **Avoid repeated freeze-thaw cycles.**

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

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