# Rat Kidney Tissue Lysate

**Cat. No.** Kidney-138R **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | |
| **Species** | Rat |
| **Form** | The 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 |
| **Tissue Type** | Kidney |
| **Preparation method** | 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. |
| **Safety Testing** | This material has been tested by accepted techniques and has been found to be negative for HBsAg, HIV 1/2, and HCV. Additional patient information may be available upon request. |
| **Diagnosis** | Normal |

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| **Expiration Date** | One year from date of receipt |
| **Size** | 0.1 mg, 0.5 mg |
| **Storage Instruction** | This lysate should be aliquoted in working amounts and may be stored for up to one month at -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. For longer term storage, freeze working aliquots at -70°C. |
| **Applications** | This lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel. |

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