

Rat Skeletal Muscle Tissue Lysate

Cat. No. Skeletal Muscle-143R **Lot. No.** (See product label)

SPECIFICATION

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| 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 | Skeletal Muscle |
| Preparation method | Skeletal Muscle 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 |
| Expiration Date | One year from date of receipt |

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| 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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