Rat Lung Lysate

Cat. No. Lung-315R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Rat
Source	Rat Lung
Concentration	2 mg/mL
Tissue Type	Lung
Shipping	Dry ice
Preparation method	Lung 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.
Diagnosis	Normal
Storage Buffer	Lung lysate is supplied in SDS sample buffer containing 5% β-mercaptoethanol.

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Storage Instruction	Store at 2-8?C for continuous use. For extended storage, freeze working aliquots at -70?C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.

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