Mouse Lung Tissue Lysate

Cat. No. Lung-107M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Mouse
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	Lung
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.
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, 1 mg
Storage Instruction	For short term storage of this tissue lysate, freeze in single use aliquots at -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. For long 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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