

# Rat Lung Lysate

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

## SPECIFICATION

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

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conditions the shelf life is half a year from the date of receipt.

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