

## Human Lung Diabetic Disease Lysate

**Cat. No.** Lung-309H    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

**Species** Human

**Source** Human Lung

**Concentration** 2 mg/mL or better

**Tissue Type** Lung

**Shipping** Dry ice

#### Preparation method

Human lung tissue lysate was prepared by homogenization using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. The human lung tissue total protein is provided in a buffer including HEPES (pH7.9), MgCl<sub>2</sub>, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the lung tissue pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The lung tissue is then Western analyzed by either GAPDH or  $\beta$ -actin antibody, and the expression level is consistent with each lot.

**Diagnosis** Diseased

**Storage Buffer** HEPES pH 7.9, MgCl<sub>2</sub>, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and

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NP-40.

**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.

**Applications**

Lung lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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