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AL00003PU-N

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## A549 Lysate

**Catalog No.:** AL00003PU-N

**Quantity:** 0.5 mg

**Concentration:** 2mg/ml

**Format:** State: Liquid

**Purity:** A549 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 ug/ml of aprotinin, 5 ug/ml of leupeptin.) Cell debris was removed by centrifugation. The A549 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% beta-mercaptoethanol.

**Buffer System:** None present.

**Applications:** Western Blot - 10µg to 20 µg per lane is recommended for mini gel. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Description:** A549 cell total protein lysate

**Storage:** Store at 2-8°C for continuous use or (in aliquots) at -70°C for longer. Avoid repeated freezing and thawing. Shelf life: 6 month from despatch.