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U937 Whole Cell Lysate

Catalog No: CL-66-1215

Size: 100 ug

Cell line: U937 (Human histiocytic lymphoma)

Source: Human (37yrs, Male) histiocytic lymphoma

Growth media: DMEM & 10% NCS (Newborn Calf serum))

Cell lysate preparation:

U937 (Human histiocytic lymphoma) cell 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). Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The cell 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.

Application:

U937 (Human histiocytic lymphoma) cell lysate is ready to load on SDS-PAGE for Western blotting, 20 µg per lane is recommended for mini gel.

Storage:

It is supplied as whole cell lysate, 100 µg per vial at 100 µg at 2 mg/ml, in 1 x SDS sample buffer containing 5% β-mercaptoethanol. Storage at -20°C will be stable for three months, storage at -70°C will be stable for one year.

Usage:

This item is for LABORATORY RESEARCH USE ONLY.

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