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## Ramos Cell Lysate

**Catalog No:** CL-66-1225

**Size:** 100 µg

**Cell line:** Ramos (Burkitt's lymphoma)

**Source:** Human (3yrs, Male) B lymphocyte Burkitt's lymphoma

**Growth media:** ATCC medium (RPMI 1640 medium with 2 mM *L*-glutamine adjusted to contain 1.5 g/L sodium bicarbonate, 4.5 g/L glucose, 10 mM HEPES, 1.0 mM sodium pyruvate, and 10% heat-inactivated FBS.))

### Cell lysate preparation:

Ramos cell lysate was prepared by homogenization in modified RIPA buffer (50 mM Tris-HCl, pH 7.4, 1% Triton X-100, 0.2% sodium deoxycholate, 0.2% sodium dodecylsulfate (SDS), 1 mM sodium ethylenediaminetetraacetate, 1 mM phenylmethyl-sulfonyl fluoride, 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 lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% SDS, 0.01% bromophenol blue) containing 5% β-mercaptoethanol.

### Application:

Ramos cell lysate is ready to load on SDS-PAGE for Western blotting. It is recommended to load 10 µg to 20 µg per lane for mini gel.

### Storage:

It is supplied as whole cell lysate at 100 µg at 2 mg/ml in 1 x SDS sample buffer containing 5% β-mercaptoethanol. Store at -20°C for three months or at -70°C for one year.

### Usage:

This item is for LABORATORY RESEARCH USE ONLY.

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