



Mouse Fetus Lysate (7-day fetus)

Catalog No: 1451-F7

Source: BALB/c mice (7-day fetus)

Tissue lysate preparation:

The fetuses were collected from seven (7) day pregnant mice. The 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 phenylmethylsulfonyl fluoride, 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 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:

Mouse fetus 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 tissue lysate, 100 µg per vial at 2.0 mg/ml, in 1 x SDS sample buffer containing 5% β-mercaptoethanol. Storage at -20°C is stable for three months, -70°C for one year.

For research use only.