

HELA (Human cervical cancer cell line) Whole Cell Lysate

Catalog #: CL016

Introduction

Biomiga provides researchers with a variety of ready-to-use cell line lysates for proteomics research. Biomiga lysates are available for applications including electrophoresis, western blot, immunoprecipitation, enzymatic activity analysis, protein-protein interaction analysis, and tissue specific expression identification. Please check product documentation to see recommended and tested applications for each cell line lysate.

Product Name

HELA (Human cervical cancer cell line) Whole Cell Lysate

Product type

Lysates

Description

HELA (Human cervical cancer cell line) Whole Cell Lysate

Tested applications

WB

Suggested applications

WB, ELISA, Immunoprecipitation

Recommended dilutions

HELA cell lysate is ready to run on SDS-PAGE for Western blotting, 20 µg per lane is recommended for mini gel.

Relevance

HELA cell lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylene diamine tetra acetic acid, 1 mM phenyl methyl sulfonyl flouride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecyl sulfate, 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.

Purity

Whole Cell Lysate

Form

It is supplied as whole cell lysate, in RIPA buffer with protease inhibitors and phosphatase inhibitors.

Concentration

2.000 mg/ml

Storage instructions

Shipped on dry ice. Upon delivery aliquot and store at $-80\text{ }^{\circ}\text{C}$. Avoid repeated freeze / thaw cycles.

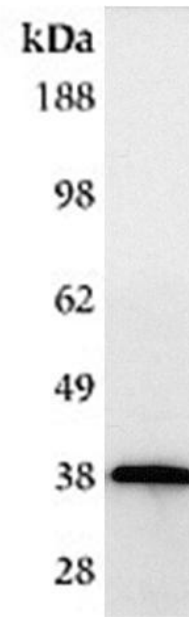
Notes

Cell line: HELA (Human cervical adenocarcinoma)
Growth media: DMEM & 10% FCS (Fetal Calf serum)

Figure 1. HELA cell morphology.



Figure 2. GAPDH western blot using HELA lysate.



For technical support or learn more product information, please contact us at (858)603-3219 or visit our website at www.biomiga.com