

Human HeLa Cell Lysate

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| Catalog No. | CLH004 | Quantity: | 100 µg |
| Description: | HeLa 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 HeLa 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 50 mM DTT. | | |
| Concentration: | 2 mg/ml | | |
| Source: | HeLa-S3 (Human cervix epithelioid carcinoma) | | |
| Formulation: | Supplied in SDS sample buffer containing 50 mM DTT. | | |
| Applications: | Western Blot | | |
| Application Notes: | Centrifuge vial before use. Lysate is ready to load on SDS -PAGE for Western blotting. 10-20 µg per lane is recommended for a mini gel. The optimal concentration should be determined for each specific application. | | |
| Storage & Stability: | Store at 2-8°C for 6 months of continuous use. Store in working aliquots at -80°C for up to 1 year. Avoid repeated freeze-thaw cycles. | | |

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