Human MCF7 lysate

Cat. No. MCF7-01HL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MCF7 lysate
Species	Human
Source	Breast Adenocarcinoma
Lysate preparation	Tissue 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. Tissue and cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. The product was boiled for 5 min in 1 × SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% β-mercaptoethanol.
Recommended Usage	Western blot-Load 5-20 µg/lane for testing with various antibodies. Heat at 95 centigrade for 2-5 minutes prior to loading on gels.
Storage	Store at 2-8 centigrade for continuous use. For extended storage, freeze working aliquots at -70 centigrade. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.
Storage Buffer	Lysate is supplied in SDS sample buffer containing 5% β-mercaptoethanol.
Concentration	2 mg/mL

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