

Product datasheet

MCF7 nuclear extract lysate ab14860

Overview

Product name	MCF7 nuclear extract lysate
General notes	Extracts have been quality control tested by Western blot.

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.90 Constituents: 0.75% Potassium chloride, 0.009% PMSF, 0.01% Magnesium chloride, 0.008% DTT, 0.48% HEPES, 20% Glycerol
Lysate notes	MCF7 nuclear extract lysate was prepared from cell cultures of the human MCF7 breast adenocarcinoma cancer cell line. The MCF7 cell line was originally derived from a pleural effusion of a 69-year old Caucasian woman with metastatic breast cancer
Background	MCF-7 cells are a well-characterized estrogen receptor (ER) positive control cell line (cells are positive for cytoplasmic estrogen receptors) and therefore are a useful in vitro model of breast cancer to study the role of estrogen in breast cancer. Cells are also positive for cytokeratin and negative for desmin , endothelin , GFAP , neurofilament, vimentin.

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