

Key words:

Cancer research, protein lysate, molecular biology

Title:

Production of lysates from cell cultures

Description:

Selected, commercially-acquired cell cultures are cultivated and lysed with the aid of a lysis buffer following appropriate treatment. Direct sonication of the samples for homogenization of the lysate.

Further processing: antibody reactions.

Conditions of use and Sonopuls settings:

Type of sample:	1 cell lysate
Pretreatment:	Radiation (div. additional treatments)
Device:	SONOPULS HD 2070
Variants/special accessories:	
Probe:	MS 72
Sonication vessel:	1.5 ml tube
Additives:	
Volume:	1.5 ml
Pulsation:	Cycle 5
Amplitude:	30 %
Sonication time:	30 s
Cooling:	on ice bath

Results and comments:

A homogeneous lysate is obtained for further processing using western blot.

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