

## PC-3 Whole Cell Lysate

Cat. No. PC-3-173H Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Form</b>	The 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 5% β-mercaptoethanol.
<b>Concentration</b>	2.0 mg/ml
<b>Cell line</b>	PC-3 (Human Prostate Adenocarcinoma)
<b>Growth media</b>	DMEM/Hams F12 & 10% NCS (newborn Calf serum)
<b>Preparation method</b>	PC-3 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.
<b>Expiration Date</b>	One year from date of receipt
<b>Size</b>	0.1 mg, 0.5 mg
<b>Storage Instruction</b>	This whole cell lysate is stable for three months at -20°C

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**Applications**

This lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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