

## Product datasheet

# LNCaP nuclear extract lysate (testosterone treated) ab14858

### Overview

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<b>Product name</b>	LNCaP nuclear extract lysate (testosterone treated)
<b>General notes</b>	Extracts have been quality control tested by Western blot and the Electrophoretic Mobility Shift Assay (EMSA). Cells were cultured in medium supplemented with 10 nM Testosterone for 6 hours at 37°C immediately prior to harvesting.

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 20mM HEPES, 100mM Potassium Chloride, 1mM Magnesium Chloride, 0.5mM PMSF, 0.5mM DTT. pH 7.9
<b>Background</b>	The LNCaP-FGC (fast growing colony) cell line is a subline derived from the LNCaP cell line, sharing all the main characteristics, including its androgen sensitivity, described for the parental line. These fibroblast-like cells express high levels of human prostatic acid phosphatase, androgen receptors and prostate antigen. They are used as a model of prostate cancer especially in studies of the development of androgen resistance in human prostate cancer.

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