

Product datasheet

LNCaP nuclear extract lysate (testosterone treated) ab14858

Overview

Product name	LNCaP nuclear extract lysate (testosterone treated)
General notes	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

Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM HEPES, 100mM Potassium Chloride, 1mM Magnesium Chloride, 0.5mM PMSF, 0.5mM DTT. pH 7.9
Background	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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