

LNCaP androgen-independent cell line

Catalogue number: 154164

Sub-type: Continuous

Images:

Contributor

Inventor:

Institute: Northern Institute For Cancer Research, Newcastle University

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: LNCaP androgen-independent cell line

Alternate name:

Class:

Conjugate:

Description: LNCaP cells are androgen-sensitive human prostate adenocarcinoma cells derived from the left supraclavicular lymph node metastasis from a 50-year-old Caucasian male in 1977. The androgen receptor (AR) in LNCaP cells harbours a T877A mutations which enables the anti-androgen flutamide to act as an agonist. This cell line is the most commonly used for prostate cancer research. The cell line is a clonal population of LNCaP cells grown in steroid-depleted conditions for ~4 months. Cells adapted to growth conditions and are now routinely grown in media lacking testosterone

Purpose:

Parental cell: LNCaP

Organism: Human

Tissue:

Model: Tumour line

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details: LNCaP cells grown in steroid-depleted conditions for ~4 months

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format: Frozen

Concentration:

Passage number:

Growth medium: RPMI-1640 + 10% FBS

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools:

References

References:

CancerTools.org