

LNCaP | 300265

Description
LNCaP
AR
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LNCaP FGC
LNCaP
AR
AR
AR
PSA NKx3.1
LNCaP
DU145 PC3

Organism

Tissue

Disease

Metastatic site

Synonyms LNCAP LNCap Ln-Cap

Age 50

Gender

Ethnicity

Morphology

Growth properties

Citation LNCaP Cytion 300265

Biosafety level 1

NCBI_TaxID 9606

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CellosaurusAccession CVCL_0395

Receptors expressed

Protein expression P53

Tumorigenic

Products

Karyotype 7 = 46 = 33 91

Culture Medium RPMI 1640 w 2.0 mM w 2.0 g/L NaHCO3 Cytion 820700a

Supplements 10% FBS

Dissociation Reagent Accutase

Doubling time 60

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Seeding density 1 2×10⁴ /

Fluid renewal 3

Post-Thaw Recovery 4 5×10 24

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

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**Thawing and
Culturing Cells**

- 1.
2. -150°C 3
3. 37°C 40-60
4. 70%
5. 8 15
6. 300 x g 3
7. 10 T25 T25
- 8.

**Incubation
Atmosphere**

37°C, 5% CO₂

Flask Coating

**Freezing
Procedure**

-78 °C

**Shipping
Conditions**

-78 °C

**Storage
Conditions**

-150 -196 ❏ -80 °C

/ /HLA

Sterility

PCR

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HLA

A*: '01:01:01, '02:01:01

B*: '08:01:01, '37:01:01

C*: '06:02:01, '07:01:01

DRB1*: '03:01:01, '10:01:01

DQA1*: '01:05:01, '05:01:01

DQB1*: '02:01:01, '05:01:01

DPB1*: '02:01:02G '04:02:01G

E: '01:01:01