

Product sheet

LNCaP | 300265

Description	LNCaP				AR	LNCaP				
		LNCaP		LNCaP	FGC					
	LNCaP		AR		AR		AR	PSA	NKx3.1	
		LNCaP					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** 1×10^4 /

Fluid renewal 3

**Post-Thaw
Recovery** 4×10^5 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

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