

PC-3 | 300312

Description	PC3	62	IV	PC-3			
		PC3					
	PC3		PSA	-5- α		LNCaP DU145	AR PSA
	PC3				PC3		PC3
	PC3	IV					

Organism

Tissue

Disease

Metastatic site

Applications

Synonyms	PC-3, PC.3
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Age	62
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Gender

Ethnicity

Morphology

Growth properties

Citation	PC3 Cytion	300312
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Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0035

Antigen expression HLA A1 A9

Tumorigenic

Karyotype PC3

Culture Medium DMEM:Ham's F12 1:1 w: 3.1 g/L w: 2.5 mM L- w: 15 mM HEPES w: 0.5 mM w: 1.2 g/L NaHCO3 Cytion 8

Supplements 5% FBS

Dissociation Reagent Accutase

Doubling time 40

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

Split ratio 1:3 1:6

Seeding density $4 \times 10^4 / \text{cm}^2$ $1 \times 10^5 / \text{cm}^2$

Fluid renewal 2 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

/ /HLA

Sterility PCR

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STR

CSF1PO: 11
D13S317: 11
D16S539: 11
D5S818: 13
D7S820: 8,11
TH01: 6,7
TPOX: 8,9
vWA: 17
D3S1358: 16
D21S11: 29,31.2
D18S51: 14,15
Penta E: 10,17
Penta D: 9
D8S1179: 13
FGA: 24
PEZ6: RCC-FG1