

PC-12 | 500311

Description	PC-12					PC-12	
		PC12					
	PC12		New England Deaconess Hospital	PC12	40	38	xY
		PC12	NGF				

NGF

Organism

Tissue

Disease

Synonyms	PC12 PC12
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Age

Gender

Ethnicity

Morphology

Growth properties

Citation	PC-12	500311
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Biosafety level 1

NCBI_TaxID	10116
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CellosaurusAccession CVCL_S979

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Receptors expressed	NGF
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Tumorigenic

Products	
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Karyotype 40 38 xY

Culture Medium	RPMI1640 w 2.0mM	w 2.0g/L NaHCO3 Cytion article number 820700a
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Supplements 10% FBS

Subculturing	22
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Seeding density $1 \times 10^4 / \text{cm}^2$

Fluid renewal	2 3
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Post-Thaw Recovery 4×10^4 48

Freeze medium	50	40 FBS 10 DMSO	CM-1 Cytion	800100
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Thawing and Culturing Cells

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

Incubation Atmosphere 37 5% CO₂

Flask Coating

Freezing Procedure -78

Shipping Conditions

-78

Storage Conditions -150 -196 80

HLA

Sterility PCR

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STR

Rat_D1Wox31: 100

Rat_D2Wox37: 156

Rat_D19Wox11: 228

Rat_D10Wox8: 262,266

Rat_D4Wox7: 145

Rat_D2Wox27: 207

Rat_D5Rat33: 116 118 120

Rat_D10Wox11: 174

Rat_D1Wox23: 226,23

Rat_D12Wox1: 402,406

Rat_D6Wox2: 104

Rat_D8Wox7: 182

Rat_D6Cebr1: 229 231 233

SRY: x,y