

Product sheet

PC-12 | 500311

Description	PC-12	PC-12							
		PC12	PC12						
	PC12		PC-12	40	38	xY	NGF	PC12	NGF
	PC12			NGF					

Organism

Tissue

Disease

Metastatic site

Applications NGF

Synonyms PC 12, PC12

Age

Gender

Ethnicity

Morphology

Cell type /

Growth properties /

Citation PC-12 Cytion 500311

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Biosafety level 1

NCBI_TaxID 10116

CellosaurusAccession CVCL_S979

GMO Status

Receptors
expressed NGF

Tumorigenic

Products

Karyotype 40 38 xY

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

Supplements 10% FBS

Dissociation
Reagent TrypLE Express

Subculturing 22 PBS

Seeding
density 1×10^4 /

Fluid renewal 2 3

Post-Thaw
Recovery 4×10^5 48Freeze
medium 50% + 40% FBS + 10% DMSO 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

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