**Product sheet**

# [redacted] PC-12 | 500311

## [redacted]

| | |
|---|---|
| **Description** | [redacted] PC-12 [redacted]<br>[redacted] PC12 [redacted] [redacted] [redacted] [redacted] (NGF) [redacted] [redacted] NGF [redacted]<br>[redacted] PC12 [redacted] New England Deaconess Hospital [redacted] [redacted] P<br>[redacted] [redacted] PC12 [redacted] |
| **Organism** | [redacted] |
| **Tissue** | [redacted] |
| **Disease** | [redacted] |
| **Metastatic site** | [redacted] ([redacted]; [redacted]) |
| **Applications** | [redacted]; [redacted] NGF; [redacted]; [redacted] |
| **Synonyms** | [redacted] 12, [redacted]12 |

## [redacted]

| | |
|---|---|
| **Age** | [redacted] |
| **Gender** | [redacted] |
| **Ethnicity** | [redacted] |
| **Morphology** | [redacted] |
| **Cell type** | [redacted] ([redacted]/[redacted]) |
| **Growth properties** | [redacted]/[redacted] ([redacted]; [redacted]) |

## [redacted]

| | |
|---|---|
| **Citation** | [redacted]-12 ([redacted] Cytion 500311) |

# PC-12 | 500311

| | |
|---|---|
| **Biosafety level** | 1 |
| **NCBI_TaxID** | 10116 |
| **CellosaurusAccession** | CVCL_S979 |
| **GMO Status** | ; |

## 

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|---|---|
| **Receptors expressed** | (NGF) |
| **Tumorigenic** | |
| **Products** | , |
| **Karyotype** | 40 , 38 xY |

## 

| | |
|---|---|
| **Culture Medium** | RPMI 1640, w: 2.0 mM , w: 2.0 / NaHCO3 ( Cytion 820700a) |
| **Supplements** | FBS 10% |
| **Dissociation Reagent** | TrypLE Express ( ); |
| **Subculturing** | : |
| **Seeding density** | 1 x 10^4 $^2$/ ^ |
| **Fluid renewal** | 2 3 |
| **Post-Thaw Recovery** | $^4$/ 48 |
| **Freeze medium** | 50% basal medium + 40% FBS + 10% DMSO CM-1 ( |

## PC-12 | 500311

| | |
|---|---|
| **Thawing and Culturing Cells** | 1.<br>2. cryovial -150<br>3. 37°C<br>4. 70%<br>5. 15<br>6. 300 x g 3<br>7. 10<br>8. |
| **Incubation Atmosphere** | 37°C, 5% $_{CO2}$, |
| **Flask Coating** | |
| **Freezing Procedure** | |
| **Shipping Conditions** | |
| **Storage Conditions** | −150 −196 °C |

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|---|---|
| **Sterility** | PCR |

## [redacted] PC-12 | 500311

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|---|---|
| [redacted] STR | **Rat_D1Wox31**: 100<br>**Rat_D2Wox37**: 156<br>**Rat_D19Wox11**: 228<br>**Rat_D10Wox8**: 262,266<br>**Rat_D4Wox7**: [redacted]<br>**Rat_D2Wox27**: 207<br>**Rat_D5Rat33**: 116,118,120<br>**Rat_D10Wox11**: 174<br>**Rat_D1Wox23**: 226,23<br>**Rat_D12Wox1**: 402,406<br>**Rat_D6Wox2**: 104<br>**Rat_D8Wox7**: 182<br>**Rat_D6Cebr1**: 229,231,233<br>**SRY**: x,Y |