

PC-12 | 500311

|                    |       |      |                                |      |    |       |    |
|--------------------|-------|------|--------------------------------|------|----|-------|----|
| <b>Description</b> | PC-12 |      |                                |      |    | PC-12 |    |
|                    |       | PC12 |                                |      |    |       |    |
|                    | PC12  |      | New England Deaconess Hospital | PC12 | 40 | 38    | xY |
|                    |       | PC12 | NGF                            |      |    |       |    |

NGF

**Organism**

|               |
|---------------|
| <b>Tissue</b> |
|---------------|

**Disease**

|                 |           |
|-----------------|-----------|
| <b>Synonyms</b> | PC12 PC12 |
|-----------------|-----------|

|            |
|------------|
| <b>Age</b> |
|------------|

**Gender**

|                  |
|------------------|
| <b>Ethnicity</b> |
|------------------|

**Morphology**

|                          |
|--------------------------|
| <b>Growth properties</b> |
|--------------------------|

|                 |       |        |
|-----------------|-------|--------|
| <b>Citation</b> | PC-12 | 500311 |
|-----------------|-------|--------|

**Biosafety level** 1

|                   |       |
|-------------------|-------|
| <b>NCBI_TaxID</b> | 10116 |
|-------------------|-------|

**CellosaurusAccession** CVCL\_S979

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|                            |     |
|----------------------------|-----|
| <b>Receptors expressed</b> | NGF |
|----------------------------|-----|

**Tumorigenic**

|                 |  |
|-----------------|--|
| <b>Products</b> |  |
|-----------------|--|

**Karyotype**      40      38      xY

|                       |                  |   |
|-----------------------|------------------|---|
| <b>Culture Medium</b> | RPMI1640 w 2.0mM | w 2.0g/L NaHCO3 Cytion article number 820700a |
|-----------------------|------------------|---|

**Supplements**      10% FBS

|                     |    |
|---------------------|----|
| <b>Subculturing</b> | 22 |
|---------------------|----|

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

|                      |     |
|----------------------|-----|
| <b>Fluid renewal</b> | 2 3 |
|----------------------|-----|

**Post-Thaw Recovery**       $4 \times 10^4$       48

|                      |    |                |             |        |
|----------------------|----|----------------|-------------|--------|
| <b>Freeze medium</b> | 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% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions**

-78

**Storage Conditions** -150 -196 80

**HLA**

**Sterility** PCR