

## PC-12 | 500311

### PC-12 | 500311

**Description**

PC-12 is a cell line derived from the PC12 neuroblastoma cell line. It is a clonal cell line that is highly proliferative and capable of differentiating into various cell types, including neurons, neuroendocrine cells, and glial cells. PC12 cells are commonly used in research to study neurogenesis, neurodegeneration, and the effects of various neurotoxic agents. PC12 cells are highly sensitive to neurotoxic agents and are used to study the mechanisms of neurotoxicity. PC12 cells are also used to study the effects of various neuroprotective agents and to develop new neuroprotective therapies. PC12 cells are highly sensitive to neurotoxic agents and are used to study the mechanisms of neurotoxicity. PC12 cells are also used to study the effects of various neuroprotective agents and to develop new neuroprotective therapies.

**Organism** *Human*

**Tissue** *Neuroblastoma*

**Disease** *Neuroblastoma*

**Synonyms** *PC12, PC12, PC12*

### PC-12 | 500311

**Age** *Adult*

**Gender** *Male*

**Ethnicity** *European*

**Morphology** *Epithelial*

**Growth properties** *Adherent, Clonal, High proliferation rate*

### PC-12 | 500311

**Citation** PC-12 (ATCC CRL-2522) | 500311

**Biosafety level** 1

**NCBI\_TaxID** 10116

**CellosaurusAccession** CVCL\_S979





**XXXXXXXXPC-12 | 500311**

---

**XXXXXXXXXXXXXXXXSTR**  
**Rat\_D1Wox31:** 100  
**Rat\_D2Wox37:** 156  
**Rat\_D19Wox11:** 228  
**Rat\_D10Wox8:** 262,266  
**Rat\_D4Wox7:** 145  
**Rat\_D2Wox27:** 207  
**Rat\_D5Rat33:** 116X118X120  
**Rat\_D10Wox11:** 174  
**Rat\_D1Wox23:** 226X23  
**Rat\_D12Wox1:** 402,406  
**Rat\_D6Wox2:** 104  
**Rat\_D8Wox7:** 182  
**Rat\_D6Cebr1:** 229X231X233  
**SRY:** xY