

A2780 | 300491

General information

Description	A2780 is a human cell line derived from a melanoma, established in 1972. It is a widely used model for studying drug response and toxicity. A2780 cells are highly sensitive to DNA-damaging agents and are used to study the mechanisms of action of various anticancer drugs. A2780 cells are also used to study the effects of VEGF and angiopoietin-2 on cell growth and survival.
Organism	Human
Tissue	Melanoma
Metastatic site	Various sites (e.g., lung, liver, brain)
Applications	Drug response studies, toxicity testing, mechanistic studies, PARP inhibition studies, DNA damage studies, VEGF and angiopoietin-2 studies.
Synonyms	A-2780, 2780, A2780S

Cell characteristics

Age	10-15 years
Gender	Male
Morphology	Epithelial cells
Cell type	Epithelial cells
Growth properties	High growth rate

References and safety

Citation	A2780 (Cytion 300491)
Biosafety level	1

Cytion GmbH | Nikola-Tesla-Str. 3 | 69124 Heidelberg | Heidelberg
Heidelberg: +49(0)6221 405780 | www.cytion.com | info@cytion.com

- [illegible]

CO₂

Freezing

 0 10 20 30 40 50 60 70 80 90 100

150 196

XXPCRXX

[illegible]