



## Culture Collections

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### General Cell Collection Detail

#### Cell Line Authentication & Quality Control Information (/products/celllines/CellLineAuthenticationandQualityControlInformation.aspx)

#### General Cell Collection: A2780

**Catalogue No.:** 93112519  
**Cell Line Name:** A2780  
**Keywords:** Human ovarian carcinoma  
**Cell Line Description:** The A2780 human ovarian cancer cell line was established from tumour tissue from an untreated patient. Cells grow as a monolayer and in suspension in spinner cultures. A2780 is the parent line to the cisplatin resistant cell line A2780 cis (ECACC catalogue no. 93112517) and the adriamycin resistant cell line A2780 ADR (ECACC catalogue no. 93112520).

**Species:** Human  
**Tissue:** ovary  
**Morphology:** Epithelial  
**Growth Mode:** Adherent  
**DNA Profile:** STR-PCR Data:  
 Amelogenin: X  
 CSF1PO: 10,11  
 D13S317: 12,13  
 D16S539: 11,13  
 D5S818: 11,12  
 D7S820: 10  
 THO1: 6  
 TPOX: 8,10  
 WWA: 15,16

### Quick Links

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### Ordering Online

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### Global Distribution

[Distributors \(/contactus/index.aspx\)](/contactus/index.aspx)

</celllineidentityverification.aspx>) **Subculture Routine:**

Custom Genetic Modification  
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DNA Extraction  
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NCTC Freeze-Drying Services  
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Cell Culture Training Courses  
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Split sub-confluent cultures (70-80%) 1:3 to 1:6 i.e. seeding at 3-6x10,000cells/cm<sup>2</sup> using 0.25% trypsin or trypsin/EDTA; 5% CO<sub>2</sub>; 37°C.

**Culture Medium:** RPMI 1640 + 2mM Glutamine + 10% Foetal Bovine Serum (FBS).

**Karyotype:** Not specified

**Depositor:** Dr T H Ward, Cell Culture Unit, Patterson Laboratories, Christie Hospital, Manchester

**Originator:** Yes

**Country:** UK

**References:** Semin Oncol 1984;11:285; Cancer Res 1987;47:414

**Additional Bibliography:** Barretina J, et al., 2012 The Cancer Cell Line Encyclopedia enables predictive modelling of anticancer drug sensitivity. Nature. 483(7391):603-7. PMID: 22460905 (<http://www.ncbi.nlm.nih.gov/pubmed/22460905>).

**Patents:** None specified by Depositor

**Research Council Deposit:** No

**Release Conditions:** No



### Product Images

- 93112519\_A2780\_24hr post seeding ([/media/56416/93112519\\_A2780\\_24hr\\_post\\_seeding.jpg](/media/56416/93112519_A2780_24hr_post_seeding.jpg))
- 93112519\_A2780\_48hr post seeding ([/media/56838/93112519\\_A2780\\_48hr\\_post\\_seeding.jpg](/media/56838/93112519_A2780_48hr_post_seeding.jpg))
- 93112519\_A2780\_72hr post seeding ([/media/52956/93112519\\_A2780\\_72hr\\_post\\_seeding.jpg](/media/52956/93112519_A2780_72hr_post_seeding.jpg))

**Note:** *Links open in a new window*



### Product Documents

- 93112519\_A2780\_Growth Profile ([/media/53930/93112519\\_A2780\\_Growth\\_Profile.pdf](/media/53930/93112519_A2780_Growth_Profile.pdf))

**Note:** *Links open in a new window*

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## Available Formats

Frozen  
Growing  
DNA-5µg (100ng/µl)  
RNA-5µg (100ng/µl)  
cDNA-20µl

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