



一般细胞收集细节

ECACC一般细胞收集: PEO4

受供于:	欧洲认证细胞培养物保藏中心 (ECACC)
文化类型:	细胞系
采集:	ECACC General Collection
产品编号:	10032309
细胞系名称:	PEO 4
引文指导:	如果使用这种文化产生科学出版物, 则应在出版物中引用: PEO4 (ECACC 10032309)
关键词:	人卵巢癌; 雌激素受体阳性
细胞系描述:	PEO4 is an adherent cell line derived from a malignant effusion from the peritoneal ascites of a patient with a poorly differentiated serous adenocarcinoma. The patient previously received cisplatin, 5-fluorouracil and chlorambucil treatment. PEO4 was collected after clinical resistance developed to chemotherapy. PEO4 is tumorigenic in immunologically-deprived CBA mice. PEO4 exhibits good growth in semi-solid medium (agar). PEO4 is from the same patient as the PEO1 and PEO6 cell lines (ECACC catalogue numbers 10032308 & 10032310). This cell line is one of nine from the PE ovarian adenocarcinoma panel (derived from 4 patients at varying stages of ovarian cancer, isolated from various malignant sites, and at various treatment stages) available at ECACC which provides a model system for research into the mechanism of oestrogen action on ovarian adenocarcinoma tumour cells, and for the study of efficacy and toxicity of oestrogen antagonists.
种类:	人的
原产地组织:	子房
单克隆类型:	上皮细胞; 均匀多边形细胞的岛屿。
成长模式:	追随者
DNA简介:	STR-PCR数据: 釉原蛋白: X CSF1PO: 10,12 D13S317: 10 D16S539: 9 D5S818: 11,12 D7S820: 10 THO1: 9.3 TPOX: 9,11 vWA: 15,16
核型:	对于模态染色体数目, 参见Langdon SP等。 (1988) 癌症研究11月1日; 48 (21) : 6166-72。

生物安全信息:	<p>Unless specified otherwise, at the European Collection of Authenticated Cell Cultures (ECACC) we routinely handle all of our cell lines at containment level 2 in accordance with the ACDP guidelines. ACDP = Advisory Committee on Dangerous Pathogens (UK) All cell cultures have the potential to carry as yet unidentified adventitious agents. It is the responsibility of the end user to ensure that their facilities comply with biosafety regulations for their own country.</p> <p>ACDP Guidance: Biological agents: Managing the risks in laboratories and healthcare premises.</p> <p>Hyperlinks to MSDS documents: Frozen cell cultures Material Safety Data Sheet Growing cell cultures Material Safety Data Sheet Nucleic acids derived from cell cultures Material Safety Data Sheet</p>
Subculture Routine:	Split sub-confluent cultures (70-80%) 1:4 to 1:10 seeding at $2-3 \times 10^4$ cells/cm ² using 0.25% trypsin or trypsin/EDTA; 5% CO ₂ ; 37°C. Doubling time approximately 36 hours. Cultures should be media changed every 2-3 days if not splitting.
Culture Medium:	RPMI 1640 + 2mM Glutamine + 2mM Sodium Pyruvate + 10% Foetal Bovine Serum (FBS).
Depositor:	Licensed from: Cancer Research Technology Ltd Angel Building 407 St John Street London EC1V 4AD
Originator:	Yes
Country:	UK
References:	Langdon SP et.al. (1988) Characterization and properties of nine human ovarian adenocarcinoma cell lines. Cancer Research Nov 1; 48(21):6166-72. PMID: 3167863.
Additional Bibliography:	Langdon SP et.al. (1990) Oestrogen receptor expression and the effects of oestrogen and tamoxifen on the growth of human ovarian carcinoma cell lines. British Journal of Cancer Aug; 62(2):213-6. PMID: 2386737.
Patents:	None specified by Depositor
Release Conditions:	Yes - commercial organisations are required to complete the 'Cell Line Release Authorisation for Research Use in Commercial Organisations' release conditions form.



Product Images

- 10032309_PEO4_Growth Profile

Note: *Links open in a new window*



Product Documents

- 10032309_PEO4_Images
- Passage numbers explained
- CRT Cell Line Release Authorisation for Research Use in Commercial Organisations

Note: *Links open in a new window*



Related Products

You might be interested in the following related products:

- ECACC General Cell Collection - PEO1
- ECACC General Cell Collection - PEO6
- ECACC General Cell Collection - PEO14
- ECACC General Cell Collection - PEO16
- ECACC General Cell Collection - PEO23
- ECACC General Cell Collection - TO14

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cell culture and not for any specific property of the cell line, therefore further references should be obtained regarding cell culture characteristics. Passage numbers where given act only as a guide and Culture Collections does not guarantee the passage number stated will be the passage number received by the customer.

Culture Collections提供的文化仅供研究之用。关于细胞系的商业用途的询问涉及细胞系的保藏者。一些细胞系具有额外的特殊释放条件，例如在供应细胞系之前需要由潜在接受者完成材料转移协议。请查看供应条款和条件以获取更多信息。

可用格式

冷冻

生长

DNA-5µg (100ng /µl)

RNA-5µg (100ng /µl)

cDNA-20µl

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