# PA-1

300402

## GENERAL INFORMATION

### Description

□品系是从腹水中提取的细胞建立的。这些细胞形成紧密团结的菌落，在低血清浓度、低倍增密度或用 5-bromo-2'-deoxyuridine 处理的情况下分化形成类胚体。胚胎抗原 PCC4 表达，但检测不到 F9。

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|---|---|
| **Tissue** | 卵巢 |
| **Disease** | 卵巢混合生殖细胞瘤 |
| **Metastatic site** | 腹水 |

### Synonyms

- PA1
- PA I
- PAI

## CLASSIFICATION

| | |
|---|---|
| **Organism** | Human |
| **Sex** | Female |
| **Growth properties** | Adherent |
| **Biosafety level** | 1 |

## CHARACTERISTICS

| | |
|---|---|
| **Morphology** | 上皮样 |
| **Tumourigenic** | 是，在裸鼠身上 |

## IDENTIFIERS

### Citation

PA-1（Cytion 目录号 300402）

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|---|---|
| **NCBI TaxID** | 9606 |
| **Cellosaurus** | CVCL_0479 |

## EXPRESSION AND SUSCEPTIBILITY

### Antigen expression

HLA A28，B12

### Isoenzymes

G6PD，B

### Oncogenes

N-ras（激活）

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BIC: SOLADES1HDB

## HANDLING AND CULTURE

### Culture medium

EMEM□MEM Eagle□□w□2 mM L-□□□□□w□2.2 g/L NaHCO3□w□EBSS□Cytion □□□□ 820100a□□

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| **Incubation atmosphere** | 37°C, 5%CO2, □□□□□ |

### Supplements

□□□□□□□ 10% FBS □ 1% NEAA

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|---|---|
| **Dissociation reagent** | Accutase |

### Subculturing

□□□□□□□□□□□□□□□□□□□□□ PBS □□□T25 □□□ 3-5 □□ PBS□T75 □□□ 5-10 □□□□□□ Accutase □□□□□□□T25 □□□ 1-2 □□□T75 □□□ 2.5 □□□□□□□□□□□□ 8-10 □□□□□□□□□□□□□ 10 □□□□□□□□□□□□□□□□□□□ 300xg □□ 3 □□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

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| **Fluid renewal** | □□ 2 □ 3 □ |

### Thawing and culturing

Confirm that the vial remains deeply frozen upon delivery, as cells are shipped on dry ice to maintain optimal temperatures during transit.
Upon receipt, either store the cryovial immediately at temperatures below -150°C to ensure the preservation of cellular integrity, or proceed to step 3 if immediate culturing is required.
For immediate culturing, swiftly thaw the vial by immersing it in a 37°C water bath with clean water and an antimicrobial agent, agitating gently for 40-60 seconds until a small ice clump remains.
Perform all subsequent steps under sterile conditions in a flow hood, disinfecting the cryovial with 70% ethanol before opening.
Carefully open the disinfected vial and transfer the cell suspension into a 15 ml centrifuge tube containing 8 ml of room-temperature culture medium, mixing gently.
Centrifuge the mixture at 300 x g for 3 minutes to separate the cells and carefully discard the supernatant containing residual freezing medium.
Gently resuspend the cell pellet in 10 ml of fresh culture medium. For adherent cells, divide the suspension between two T25 culture flasks; for suspension cultures, transfer all the medium into one T25 flask to promote effective cell interaction and growth.
Adhere to established subculture protocols for continued growth and maintenance of the cell line, ensuring reliable experimental outcomes.

## QUALITY CONTROL AND CRYOPRESERVATION

### Sterility

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| **Freeze medium** | □□□□□□□□□□□□□□□ FBS□+10% DMSO □ CM-1□Cytion □□□□□□ 800100□□□□□□□□□ □□□□□□□□□□□□□□□□□CM-1□Cytion □□□□□□ 800100□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□ |

### Storage conditions

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### Shipping conditions

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## DONOR

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|---|---|
| **Donor age** | 12 □ |
| **Ethnicity** | □□□□ |

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LEGAL AND SAFETY

Safety precautions
计划将低温样品储存在液氮中以便将来解冻时，必须遵守严格的安全措施。在将冷冻样本移入或移出液氮罐时，必须穿戴适当的防护手套和防护服，并使用面罩或安全护目镜。这样做是为了降低在移出时因冷冻样品爆炸而造成伤害的风险，因为爆炸可能导致锋利的碎片飞溅。

Warranty

在Cytion，我们保证产品的质量和活力。
我们保证，从我们的工厂发货后 60 天内，我们的细胞在开始培养时都是存活的。
我们保证所有材料均符合分析证书和/或产品说明书中描述的规格。

有关详细信息，请参阅我们的 <a href="" /Who-we-are/Warranty/"" hreflang=""x-default"">保修声明。

Material Transfer Agreement required Yes

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