

人肺癌细胞 A549 说明书

中国科学院干细胞库编号: SCSP-503

细胞名称: A549

细胞描述: 人肺癌细胞

品系: 人

细胞来源: 从 ATCC (<http://www.atcc.org/>) 引进

ATCC number: CCL-185™

培养液: F-12K (Invitrogen, 21127-022) +10%FBS (Gibco)

细胞总数: 1×10^6

体积/每支: 500ul

预期存活率: 70%

冻存日期: 详见 冻存管/培养瓶 标识

建议复苏培养体系: T25 培养瓶

传代周期: 每周 2-3 次

传代比例: 1: 3

备注: 培养时保持细胞密度在 6×10^3 and 6×10^4 cells/cm², 不要超过 7×10^4 cells/cm²。

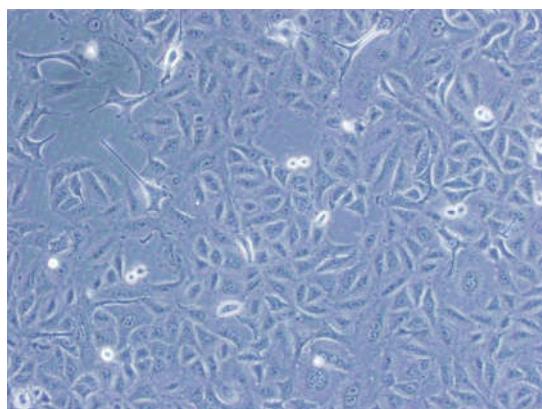
换液频率: 每周 2-3 次

冻存液: 培养液 95%, DMSO 5%

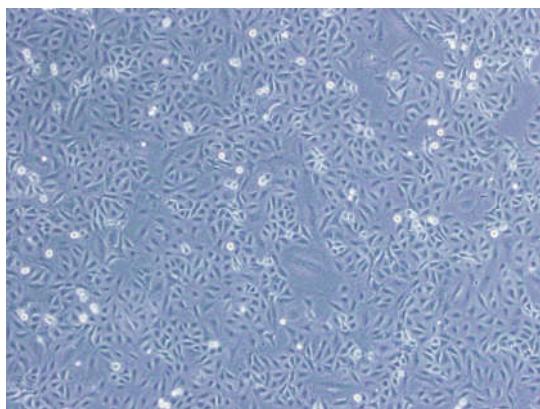
细胞状态: 良好

支原体检测结果: 阴性

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参考文献:

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Giard DJ, et al. In vitro cultivation of human tumors: establishment of cell lines derived from a series of solid tumors.

J. Natl. Cancer Inst. 51: 1417-1423, 1973. PubMed: [4357758](#)

Mayr GA, Freimuth P. A single locus on human chromosome 21 directs the expression of a receptor for adenovirus type 2 in mouse A9 cells. J. Virol. 71: 412-418, 1997. PubMed: [8985365](#)

Goodrum FD, Ornelles DA. The early region 1B 55-kilodalton oncoprotein of adenovirus relieves growth restrictions imposed on viral replication by the cell cycle. J. Virol. 71: 548-561, 1997. PubMed: [8985383](#)

St. Geme JW, et al. Characterization of the genetic locus encoding Haemophilus influenzae type b surface fibrils. J. Bacteriol. 178: 6281-6287, 1996. PubMed: [8892830](#)

Horikami SM, et al. The Sendai virus V protein interacts with the NP protein to regulate viral genome RNA replication. Virology 222: 383-390, 1996. PubMed: [8806522](#)

Huang S, et al. Adenovirus interaction with distinct integrins mediates separate events in cell entry and gene delivery to hematopoietic cells. J. Virol. 70: 4502-4508, 1996. PubMed: [8676475](#)

Goodrum FD, et al. Adenovirus early region 4 34-kilodalton protein directs the nuclear localization of the early region 1B 55-kilodalton protein in primate cells. J. Virol. 70: 6323-6335, 1996. PubMed: [8709260](#)

Fang R, Aust AE. Induction of ferritin synthesis in human lung epithelial cells treated with crocidolite asbestos. Arch. Biochem. Biophys. 340: 369-375, 1997. PubMed: [9143343](#)

Geiger T, et al. Antitumor activity of a PKC-alpha antisense oligonucleotide in combination with standard chemotherapeutic agents against various human tumors transplanted into nude mice. Anticancer Drug Des. 13: 35-45, 1998. PubMed: [9474241](#)

Evdokiova A, Cowled PA. Tumor-suppressive activity of the growth arrest-specific gene GAS1 in human tumor cell lines. Int. J. Cancer 75: 568-577, 1998. PubMed: [9466658](#)

Giavedoni LD, Yilmaz T. Construction and characterization of replication-competent simian immunodeficiency virus vectors that express gamma interferon. J. Virol. 70: 2247-2251, 1996. PubMed: [8642649](#)

Bartz SR, et al. Human immunodeficiency virus type 1 cell cycle control: Vpr is cytostatic and mediates G2 accumulation by a mechanism which differs from DNA damage checkpoint control. J. Virol. 70: 2324-2331, 1996. PubMed: [8642659](#)

Garofalo R, et al. Transcriptional activation of the interleukin-8 gene by respiratory syncytial virus infection in alveolar epithelial cells: nuclear translocation of the RelA transcription factor as a mechanism producing airway mucosal inflammation. J. Virol. 70: 8773-8781, 1996. PubMed: [8971006](#)

Jamaluddin M, et al. Inducible translational regulation of the NF-IL6 transcription factor by respiratory syncytial virus infection in pulmonary epithelial cells. J. Virol. 70: 1554-1563, 1996. PubMed: [8627674](#)

Lewis JA, et al. Inhibition of mitochondrial function by interferon. J. Biol. Chem. 271: 13184-13190, 1996. PubMed: [8662694](#)

Lieber M, et al. A continuous tumor-cell line from a human lung carcinoma with properties of type II alveolar epithelial cells. Int. J. Cancer 17: 62-70, 1976. PubMed: [175022](#)

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