

## 小鼠成纤维细胞 NCTC clone 929 [L cell, L-929, derivative of Strain L]

### 说明书

目录号: SCSP- 5039

细胞名称: NCTC clone 929 [L cell, L-929, derivative of Strain L]

细胞描述: 这株细胞的母细胞 L 细胞系取自 100 天的 C3H/An 小鼠的正常皮下乳晕和脂肪组织。NCTC clone 929 建立于 1948 年 3 月。L 细胞系是最早建立的连续培养的细胞系之一, 而 NCTC clone 929 是最早的克隆株。

物种: 小鼠, C3H/An 品系

组织: 皮下结缔组织; 乳晕和脂肪

细胞来源: 2018 年引进

生物安全等级: BSL-1

完全培养液配方: 见下方备注

批次/冻存日期: 详见 冻存管/培养瓶 标识

参考传代周期: 3-4 天

参考传代比例: 1: 2-1: 8

参考换液频率: 2-3 天

冻存液配方: 完全培养液 95%, DMSO 5%

细胞形态: 成纤维细胞, 贴壁生长

支原体检测结果: 阴性

#### STR 鉴定结果:

①该株细胞 DNA 进行小鼠细胞 STR 分型结果显示, 扩增后图谱清晰, 分型结果良好:

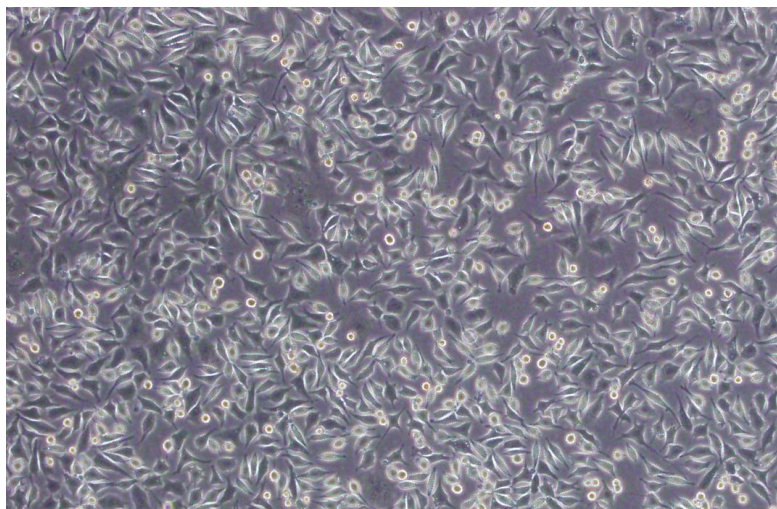
1-1: 10; 1-2: 17; 2-1: 9; 3-2: 13, 14; 4-2: 20.3; 5-5: 14; 6-4: 17, 18; 6-7: 12;  
7-1: 25, 26, 27; 8-1: 16; 11-2: 15, 16; 12-1: 16; 13-1: 17.1; 15-3: 24.3, 25.3, 26.3;  
17-2: 15; 18-3: 16; 19-2: 12; X-1: 26, 27。

②该细胞与 ExPASy 中 NCTC clone 929 细胞的 STR 数据匹配率为 96.15%。

③该株细胞确为小鼠细胞, 没有人源细胞污染。

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### 细胞照片



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#### 备注:

1. 小鼠成纤维细胞 NCTC clone 929 [L cell, L-929, derivative of Strain L]完全培养液配方 (100 ml) :

MEM (Invitrogen, 11090-081)	87 ml
Glutamax (Invitrogen, 35050061)	1 ml
Non-essential Amino Acids, 100× (Invitrogen, 11140050)	1 ml
Sodium Pyruvate (Invitrogen, 11360070)	1 ml
Heat-inactivated horse serum (Gibco, 26050-070)	10 ml

2. 我库冻存时, 每支冻存管约含  $1 \times 10^6$  细胞量, 体积为 500  $\mu$ l, 预期存活率 70%, 建议复苏至 1 个 T25 培养瓶中。

详情访问中科院干细胞库/干细胞技术平台 <http://www.cellbank.com.cn/index.asp>;

电话: 021-54921358

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