



Huachenbio -- Your Professional Choice

苏州华辰生物科技有限公司

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- Suitable for human induced pluripotent stem cells and embryonic stem cells
- Serum-free, xeno-free (no animal-derived components), antibiotic-free, safe and reliable
- Enables long-term and efficient expansion, supporting continuous and stable expansion for over 15 passages
- Enhanced buffering system, supporting medium change every other day
- Can be used for 3D large-scale expansion of iPSCs with stable performance
- Chemical composition limitation, containing recombinant human serum albumin



StarPluri™ iPSC Medium

iPSC培养基

StarPluri™ Chemically Defined Animal Component-Free,
Feeder-Free Medium for Maintenance of hESCs and hiPSCs

Product Introduction

Huachenbio

StarPluri™ Chemically Defined Animal Component-Free, Feeder-Free Medium for Maintenance of hESCs and hiPSCs

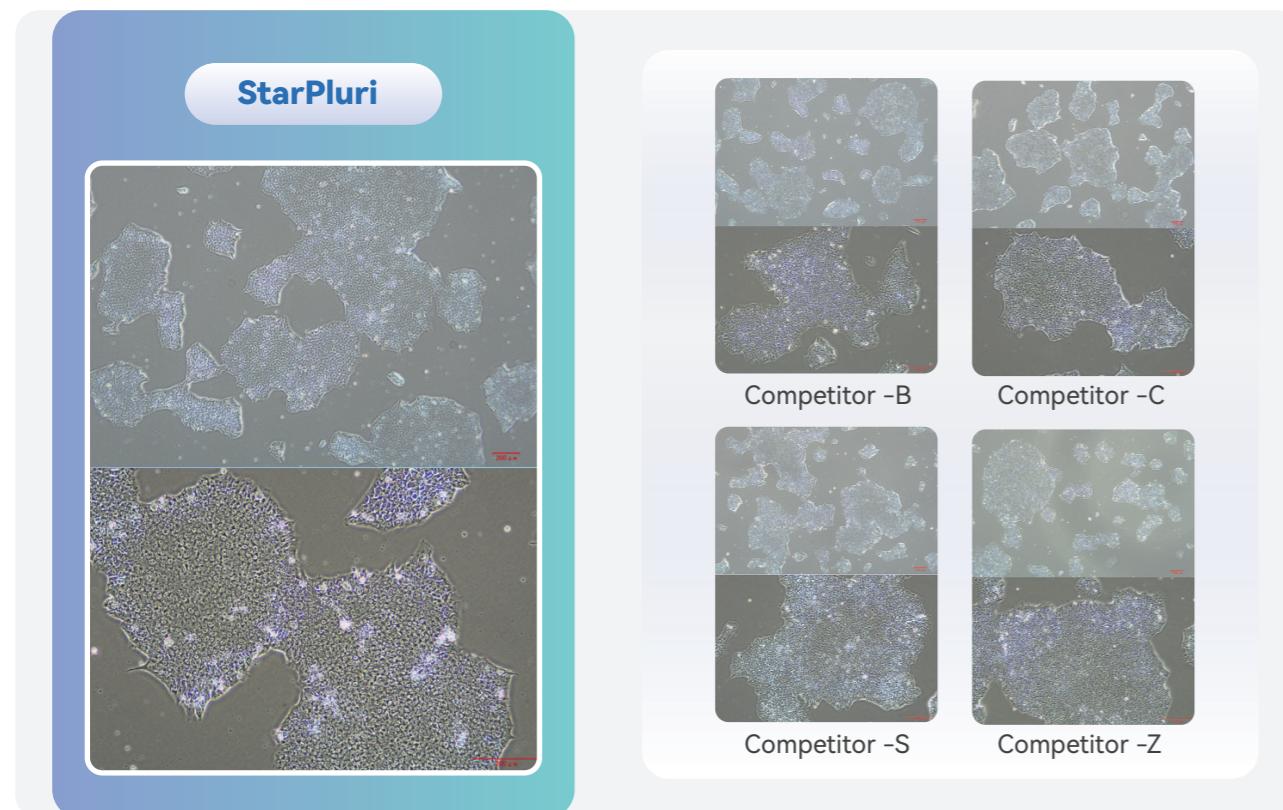
It is a serum-free medium kit designed for the long-term maintenance and expansion of human embryonic stem cells (hESCs) and induced pluripotent stem cells (iPSCs). This medium has a defined chemical composition, contains nutrients suitable for the growth of human pluripotent stem cells, requires no additional factors to be added, and supports long-term culture as well as medium change every other day.



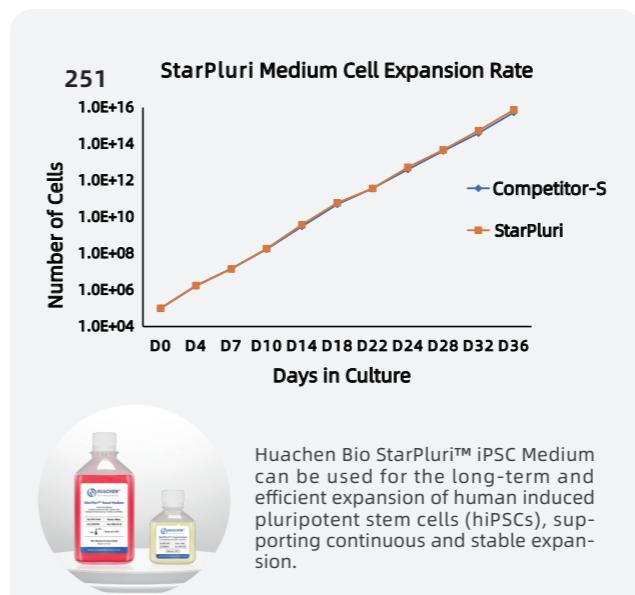
Product Specifications

Name	Catalog	Specs	Exp	Storage
StarPluri™ Basal Medium Chemically Defined Animal Component-Free, Feeder-Free Medium for Maintenance of hESCs and hiPSCs	IPSC-B500	500mL/bottle	12 Months	2~8°C Store away from light
StarPluri™ Supplement For the Maintenance of hESCs and hiPSCs	IPSC-S25	25mL/bottle	12 Months	-20°C Store away from light

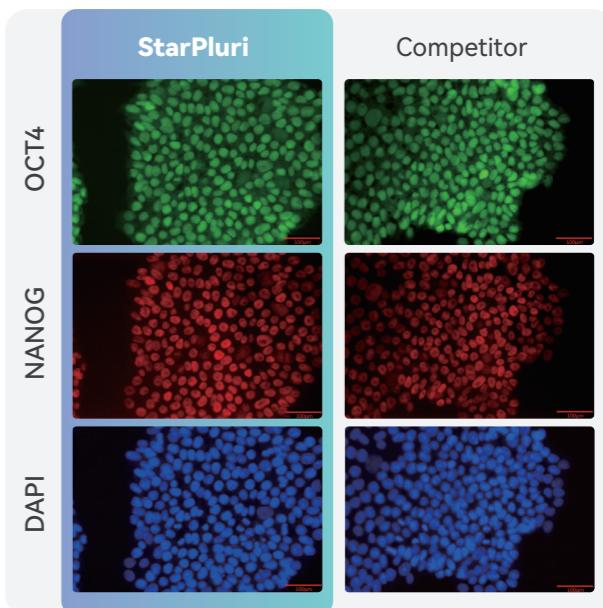
Cell Morphology



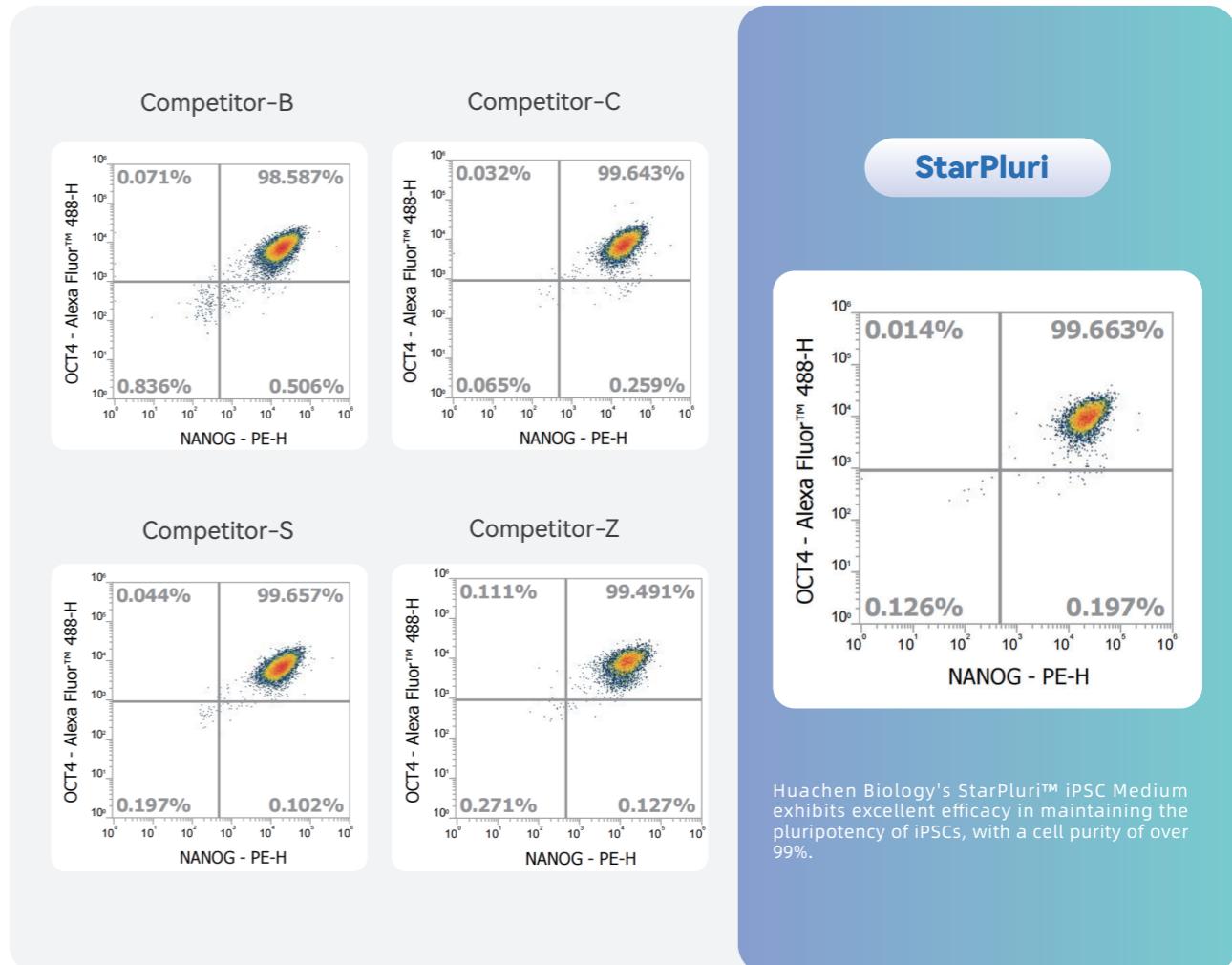
Cell Proliferation Rate



Maintenance of Pluripotency Markers



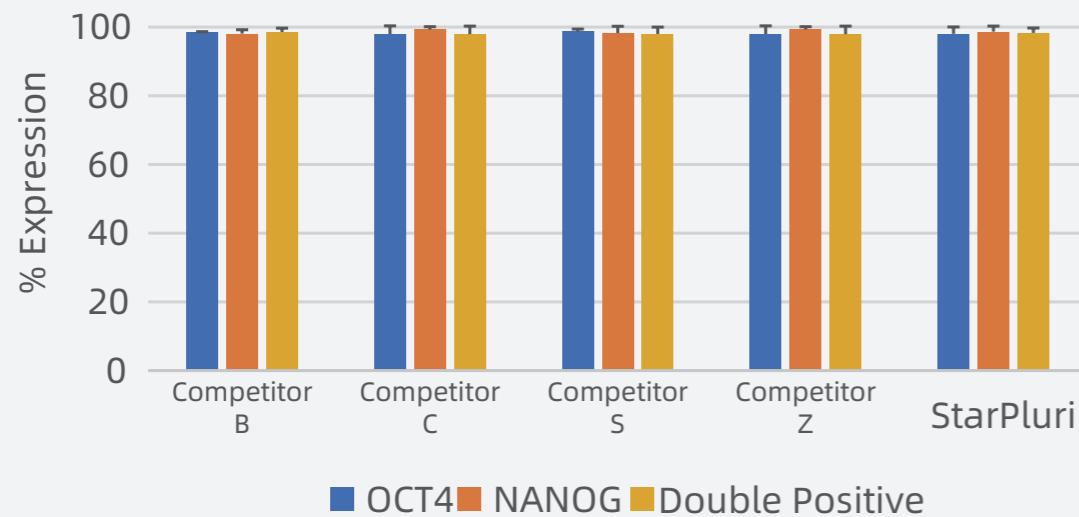
Maintenance of Pluripotency Markers



StarPluri™ Selective Stem Cell Dissociation Reagent

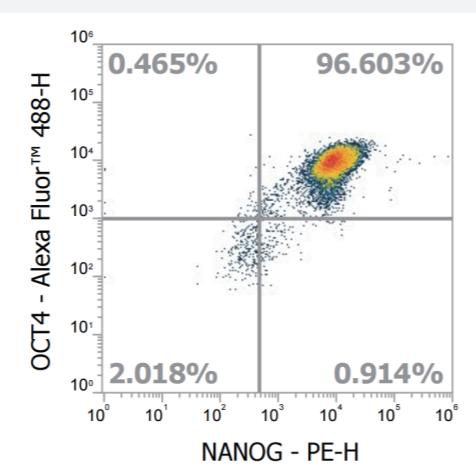
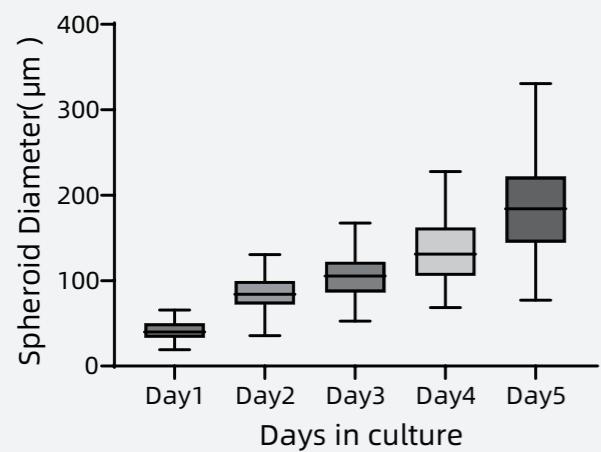
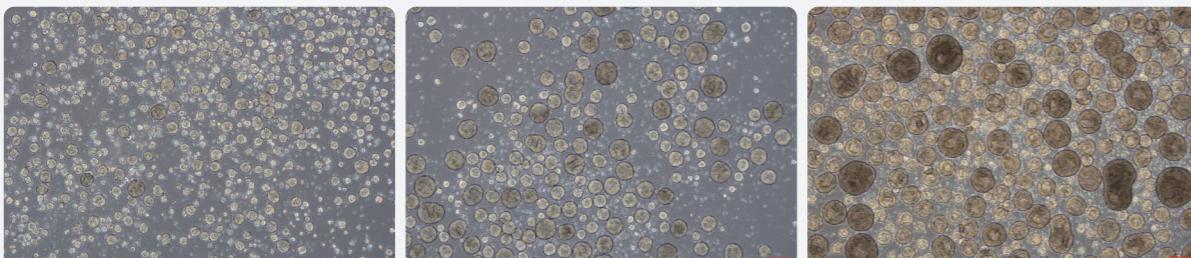


Pluripotency markers



3D Large-Scale Expansion of iPSCs

Huachen Bio StarPluri™ iPSC Medium can be used for the 3D large-scale expansion of induced pluripotent stem cells (iPSCs) without compromising the maintenance of cell pluripotency.



Product Introduction

Huachen Bio (SSCDR)

StarPluri™ Selective Stem Cell Dissociation Reagent

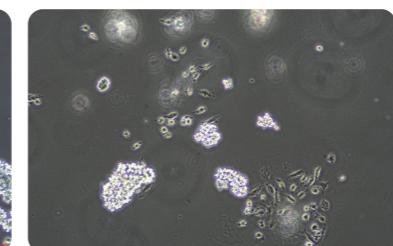
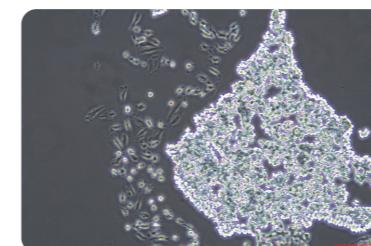
It is a cell dissociation solution designed for the passage of human embryonic stem cells (hESCs) and induced pluripotent stem cells (iPSCs). This dissociation solution has a defined chemical composition, exerts a gentle effect, and contains no digestive enzymes. It supports the long-term passage culture of human pluripotent stem cells, effectively removes differentiated cells without interfering with the maintenance of cell pluripotency, while preserving high cell viability.

Advantages

- 01 Chemically Defined & Enzyme-Free
- 02 Ready-to-Use, Easy to Operate, No Termination Required
- 03 Compliant with GMP Standards
- 04 Used for Dissociating 3D Cultured Cell Spheroids

Product Name	Cat	Specs	Exp	Storage Tem
StarPluri™ Selective Stem Cell Dissociation Reagent	SSCDR-100/500	100 ml / 500 ml	12 M	2~8°C away from light

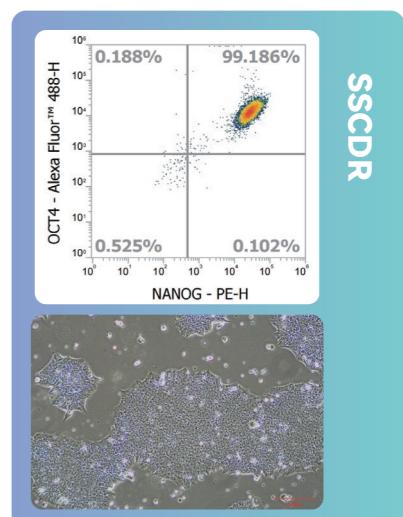
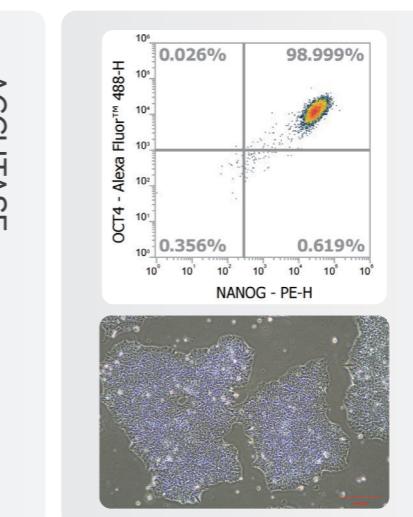
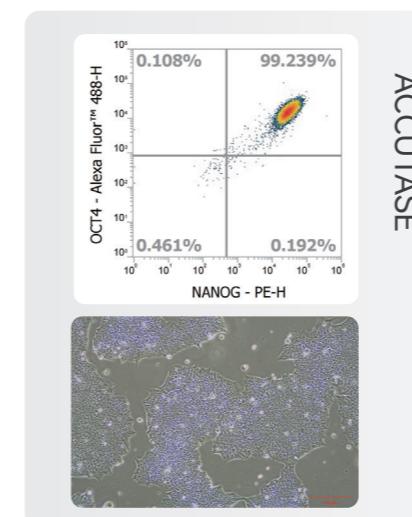
Product Performance



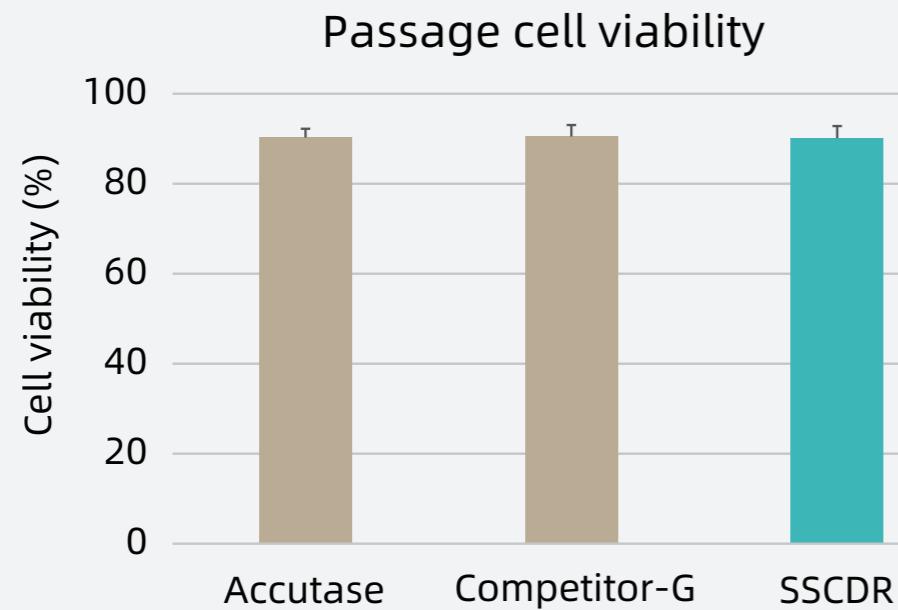
Huachen Bio
StarPluri™ Selective Stem Cell Dissociation Reagent (SSCDR)

Dissociates human induced pluripotent stem cells (hiPSCs) into cell clumps and effectively removes differentiated cells

Huachen Bio SSCDR supports the long-term passage of human induced pluripotent stem cells (hiPSCs) without affecting the maintenance of cell morphology and pluripotency.



Passage cell viability



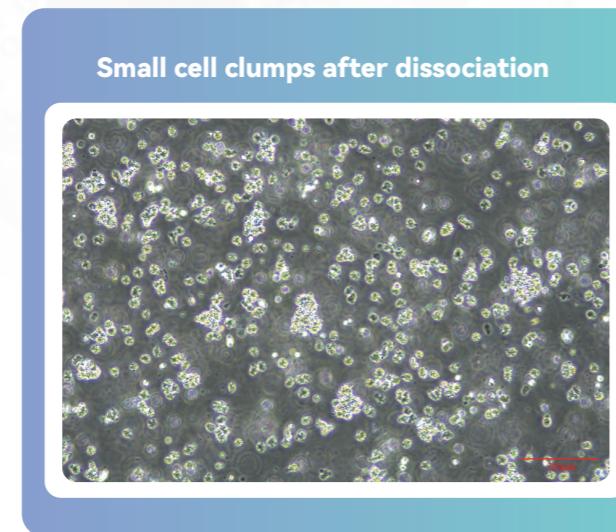
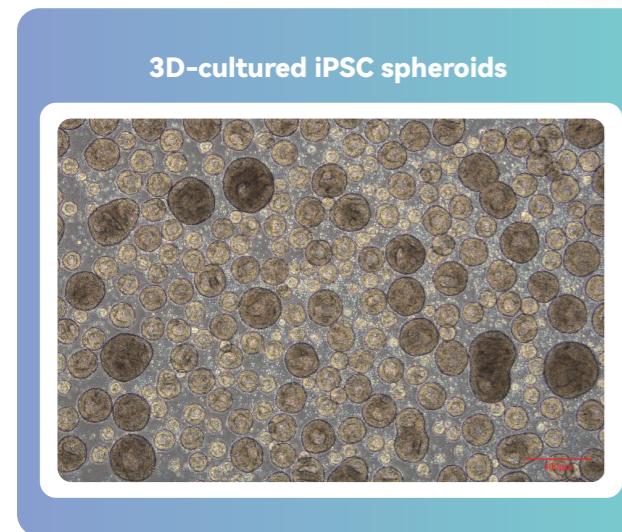
- 适合于原代细胞分离和传代
- 兼容各种类型的间充质干细胞，如脐带血、骨髓、羊膜膜、毛囊、牙髓等间充质干细胞
- 无血清，不含任何动物来源的成分，抗生素-free，稳定性好，批次间差异小
- 高细胞扩增率，单代扩增倍数超过20倍
- 细胞产量：T175瓶>2×10⁷细胞；10层细胞工厂：8-10×10⁸细胞
- 细胞直径：14-15 μm，小于市场上类似产品的直径
- GMP级别，使用注射用水（WFI）制备，内毒素<0.1 EU/ml
- #独立的R&D和生产系统，稳定的供应，高性价比



- 无血清，血小板裂解液-free
- 动物来源成分-free
- 人源成分-free，含重组人血清白蛋白（rHSA）
- 化学定义，批次间一致性高
- 高效率，支持原代和传代培养
- 在GMP标准下生产，支持药物注册
- 高品质，内毒素<0.1 EU/ml



Dissociation of 3D cultured cell spheroids



- 高扩增倍数：28天内扩增>100,000倍
- 高细胞数量：大约200亿细胞
- 高纯度：>98% CD3⁺CD56⁺ (高效率版本)，>90% CD3⁺CD56⁺ (增强版)，>90% CD16⁺CD56⁺
- 高细胞活力：>90%活力
- 异种移植：CD3⁺细胞<1%，满足异种移植要求
- 低成本：生产成本是NK细胞制备成本的1/3到1/5
- 纯度因子：饲养-free，GMP生产，有DMF文件



- 胶原蛋白基质，具有灵活的多孔结构设计
- 颗粒尺寸范围从200 μm到350 μm
- 所有原材料来自符合GMP标准的药用辅料
- 辐照灭菌，直接使用
- 适合各种贴壁细胞

