



DASEA® Ultramedia® CIK cell serum-free medium

US FDA CDER DMF No.: 038447

US FDA CBER DMF No.: 29657

Acute Systemic Toxicity Test

● INTRODUCTION

DASEA® Ultramedia® CIK cell serum-free medium is specially designed to promote high-efficiency proliferation of CIK cells in vitro. DASEA® Ultramedia® CIK contains no animal-derived components or heterologous growth factors which enhances experimental reproducibility by avoiding batch-to-batch variations caused by serum.

* For Research Use Only



High Proliferation Efficiency



High Positive Rate



GMP Manufacturing

● ADVANTAGES



Safe and reliable raw material management

- Raw materials with ACF certification.
- Thousand-square-meter storage space for raw materials.
- Strictly monitor temperature and humidity of the warehouse.



Optimal batch-to-batch stability

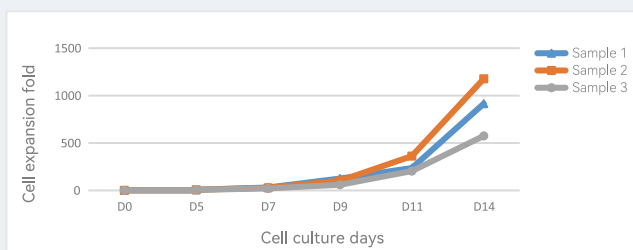
- Compliance with raw material release criteria.
- Strictly define and enforce production process control parameters.

● QUALITY STANDARD

Quality Inspection Item	Quality Inspection Standards
Appearance	Orange-red clear liquid
pH	7.2 ± 0.2
Osmolality	280–320 mOsm/kg
Endotoxin	<0.5 EU/mL
Sterility Test	Negative
Mycoplasma Test	Negative

● PERFORMANCE DATA

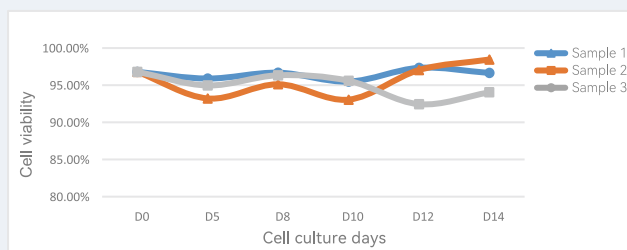
Cell Proliferation



D0: Total 10ml blood was used to collect CIK cells. Initial cell culture volume is 5mL and initial cell count is 7.5×10^6 .

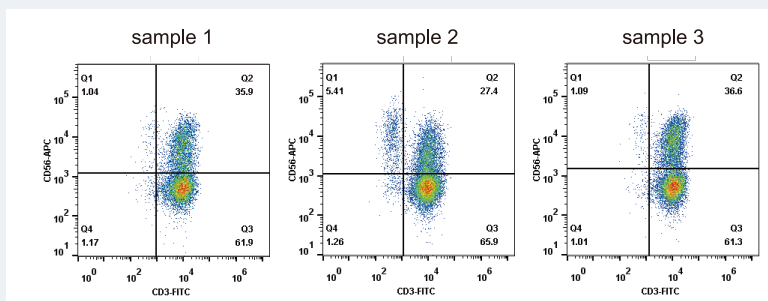
D14: Cell number were increased by 500–1000 times. 3.7 billion to 7.5 billion cells were harvested, with 1.2–2L DASEA Ultramedia® CIK medium usage.

Cell Viability



The cell viability kept high during the high density cell culture process.

Cell Positive Rate



After 14 days of culture, a high positive rate (CD3+CD56+) CIK cell population was obtained.



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