



REGEN-αGEEK



DASEA® Ultramedia® NK cell induction and expansion culture kit

US FDA CDER DMF No.: 038393

US FDA CBER DMF No.: 29527

Acute Systemic Toxicity Test

● INTRODUCTION

DASEA® Ultramedia® NK cell induction and expansion culture kit is a serum-free culture medium developed by REGEN-αGEEK, that contains no heterologous components and has a clear composition. It is suitable for stimulating activation and continuous expansion of NK cells in Peripheral Blood Mononuclear Cells (PBMCs) isolated from human peripheral blood.

This kit uses a pure factor method and does not contain feeder cells, avoiding ethical issues and residual oncogenic risks associated with feeder cells. The components of this product are clear and quality-controlled, and its production follows the ISO9001 quality system and GMP guidelines.

* For research use only

● ADVANTAGES



High proliferation rate



Pure factor method



The median of cell positivity rate is greater than 70%



No heterologous Components

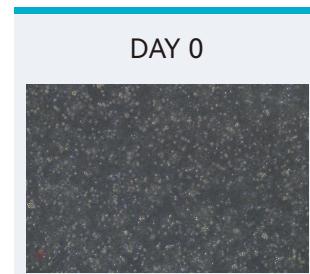


Easy to operate

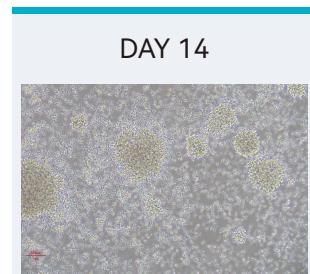


GMP manufacturing

● MORPHOLOGY



DAY 0



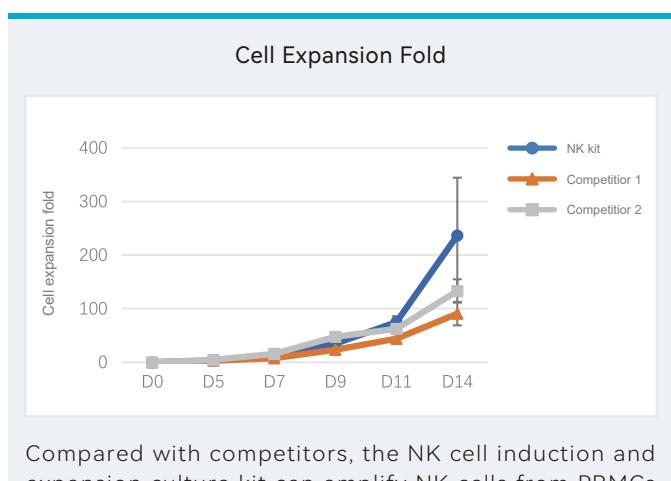
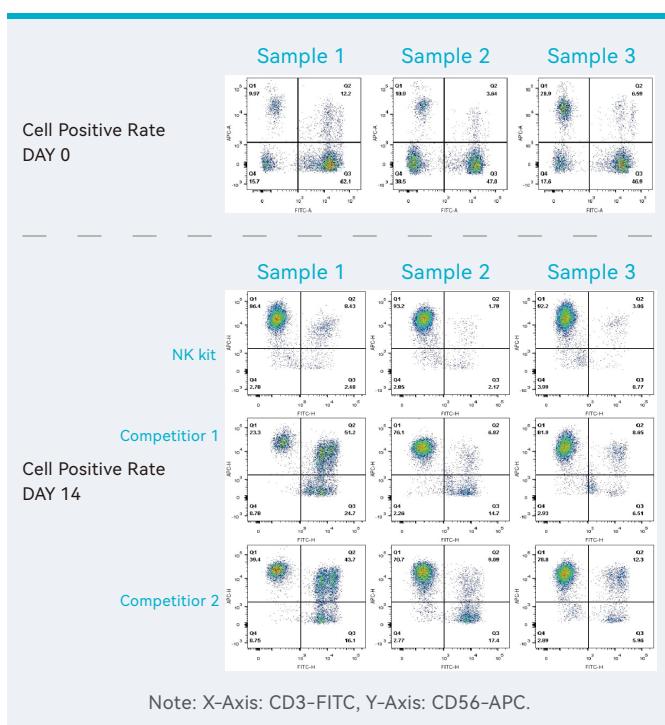
DAY 14

During the culture process, the number of cell clusters increased, and cell morphology is uniform and the culture appears transparent and bright.

● PRODUCT COMPOSITION

Product Number	Description	Package	Shelf Life	Storage Conditions
RGL0011	NK cell serum-free medium	1L	12 months	Protect from light / 2°C~8°C
	NK factor A	50 µL		-25°C ~ -10°C
	NK factor B	1 unit		-25°C ~ -10°C

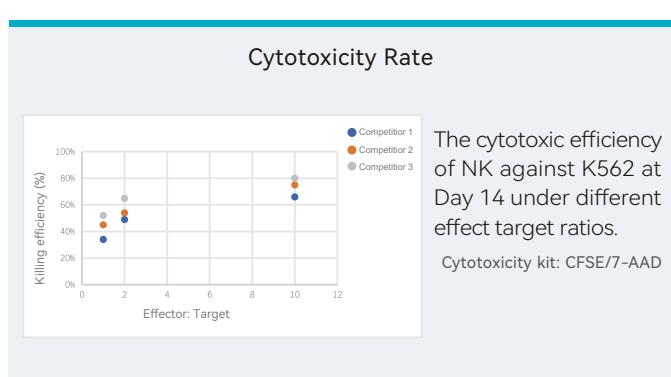
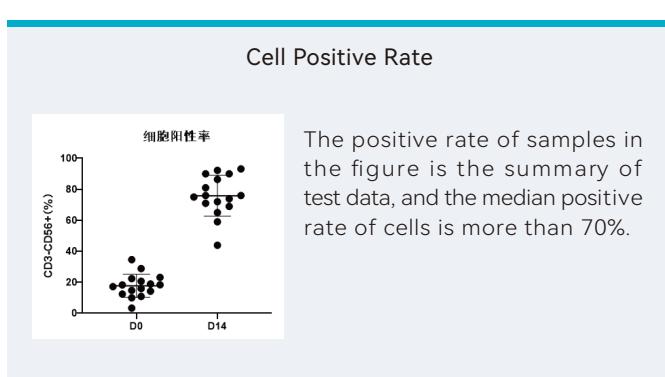
● PERFORMANCE DATA



Compared with competitors, the NK cell induction and expansion culture kit can amplify NK cells from PBMCs more efficiently.

In 1L cell culture system, the cell expansion fold was 150~240 times, and the number of harvested cells was $20 \times 10^8 \sim 36 \times 10^8$.

Note: The actual number of harvested cells is closely related to the quality of cells themselves.



REGEN-aGEEK (Haining) Biotechnology Co., Ltd.

Tel: +860755-26412015

Web: <https://en.regengeek.com>

Email: enquiry@regengeek.com

Address: No. 301, Building 6, Juanhu Science and Innovation Park, No. 500, Shuiyue

Pavilion East Road, Xiasi Street, Haining City, Jiaxing City, Zhejiang Province, China.