REGEN-αGEEK

DASEA® Ultramedia® Max mesenchymal stem cell serum-free medium

INTRODUCTION

DASEA® Ultramedia® Max is the new generation product specifically developed for mesenchymal stem cell (MSC) culture. The product's composition is clearly defined and controllable, and the cultured cells exhibit good morphology and an ideal expansion rate, meeting the requirements for both primary and passaged culture needs.

* For research use only

PRODUCT ADVANTAGE

Optimized Cell Morphology

Consistently High Proliferation Rate

Desirable Cell Diameter

PRODUCT SPECIFICATION

Model	Product Number	Description	Component Number	Package (per bottle)
Type A	RGM0071	Max basal medium (phenol red-free)	RGM1071	500mL
		Max supplement	RGM1073	15mL
Type B	RGM0072	Max basal medium (phenol red)	RGM1072	500mL
		Max supplement	RGM1073	15mL

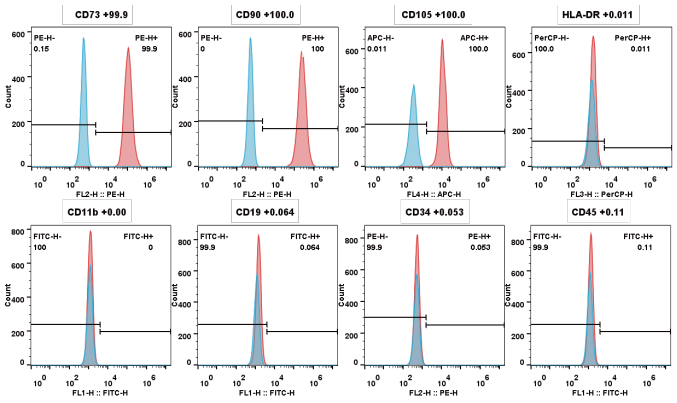
PERFORMANCE DATA

Passages	Seeding Density (cells/cm²)	Period	Confluency	Harvested (cells) / T175	Expansion Fold	Total Harvested (cells)	Total Expansion Fold
Primary	-	12-14 days	-	2.40E+06	-	1.68E+07	-
P1	4000-5000	72h	80% ~ 90%	1.34E+07	15.37	2.58E+08	1.53E+01
P2				1.24E+07	14.18	3.66E+09	2.17E+02
P3				1.22E+07	13.96	5.11E+10	3.02E+03
P4	5000-7000			1.41E+07	11.48	5.87E+11	3.47E+04
P5				1.40E+07	11.46	6.72E+12	3.98E+05
P6				1.29E+07	10.52	7.07E+13	4.18E+06
P7				1.14E+07	9.3	6.58E+14	3.89E+07
P8				8.92E+06	7.28	4.79E+15	2.83E+08
P9				8.77E+06	7.16	3.43E+16	2.03E+09
P10				8.99E+06	7.34	2.52E+17	1.49E+10

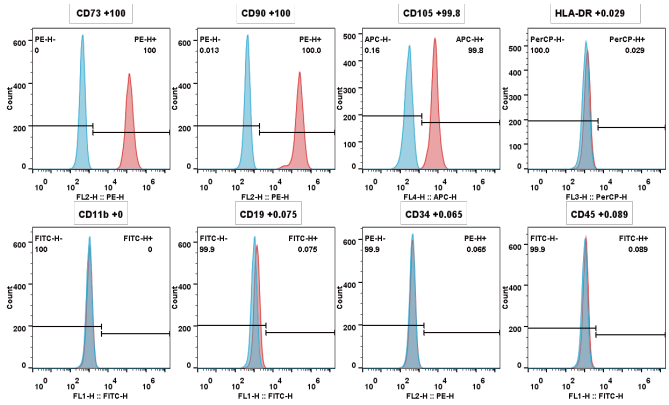
The data mentioned refers to the average number of harvests and the proliferation multiples of six cell lines from umbilical cord, and the actual proliferation rate of the cell strains may be higher or lower than what is depicted in the figure.

CELL PHENOTYPE

P3



P10



* Cell phenotype remains normal at P10

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