Mammary Epithelial Cell Growth Medium

850210

Mammary Epithelial Cell Growth Medium is a serum-free medium for the culture of human mammary epithelial cells. We offer the medium as 500 ml basal medium, on its own or together with the supplements, either as individual components or as a premixed Supplement-Mix. The individual components allow single factors to be adjusted or left out, while the Supplement-Mix is added in a single step. Supplements are required for use, and the individual supplement components are also available separately.

PRODUCT DETAILS

Phenol-red free	No
Serum content	Serum-free
Recommended	6,000 cells/cm² (initial seeding up to approx. 90 % confluence)

Storage and stability

Store the basal medium at 2–8 °C, protected from light, and the supplements at −20 °C. Avoid repeated freeze-thaw cycles of the supplements. Once supplemented, the medium can be kept at 2–8 °C, protected from light, for up to one month. Do not freeze the medium.

Specification

pH 7.6, osmolality 285 ± 10 mOsm/kg

Supplement components

L-glutamine: 4 mM
Bovine pituitary extract (BPE): 50 µg/ml
Human recombinant EGF: 10 ng/ml
Hydrocortisone: 0.5 µg/ml
Human recombinant insulin: 5 µg/ml
Antibiotics (optional): gentamicin 50 µg/ml, amphotericin B 50 ng/ml

Composition table

Supplement volumes for 500 ml of basal medium. The same components are also available premixed, together with the basal medium (Cat. No. 850184).

Component	Volume	Cat. No.
L-glutamine	10 ml	850121
Bovine pituitary extract (BPE)	2 ml	850123
Human recombinant EGF	1 ml	850115
Hydrocortisone	0.5 ml	850129
Human recombinant insulin	0.5 ml	850140
Antibiotics (optional)	3.5 ml	850119
Total (without antibiotics)	**14 ml**	

Cytion GmbH
Nikola-Tesla-Str. 3
69124 Heidelberg
Tel: +49 (0)6221 405780
info@cytion.com
cytion.com

Registered office Heidelberg
VAT ID: DE283292917
Local court Mannheim - HRB 714394
CEO / Geschäftsführer: Jonathan Steubing

Banking information
Sparkasse Heidelberg
IBAN: DE35 6725 0020 0009 2076 86
BIC: SOLADES1HDB