

PRODUCT: BCFM medium Kit

CATALOG NUMBER: MED 02002-CLTH

PRODUCT DESCRIPTION

BCFM medium is optimized to support the primary cell culture of human breast cancer epithelial cells made by (CL 04002-CLTH)

PRODUCT INFORMATION

The following components are sold as a complete kit and are not available for individual sale.

COMPONENT NAME	SIZE	STORAGE	SHELF LIFE
BCFM Basal medium	500 mL	Store at +4 to +8 ° C	
BCFM SUPPLEMENTS I*	2,25 mL	Store at -20° C	
BCFM SUPPLEMENTS II**	10 mL	Store at -20° C	

* Contains cholera toxin (1ng/ml for whole BCFM medium Kit after preparation)

**Donors have been tested and found negative for HIV-1 and -2, hepatitis B, and hepatitis C prior to donation. However, this product should be considered potentially infectious and treated in accordance with universal handling precautions.

Whole BCFM medium Kit after preparation contains cholera toxin (1ng/ml)

MATERIALS REQUIRED BUT NOT INCLUDED

PRODUCT NAME	CONCENTRATION
FBS	5%
Hydrocortison	1x10 ⁻⁶ M
Antibiotics	According to protocols provided by producer

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PREPARATION OF COMPLETE PCFM MEDIUM

Preparation of medium

For a complete medium perform the following steps:

1. Wipe off external surfaces of all vials/bottles with 70% ethanol or isopropanol.
2. Aseptically open vial with delivered supplements (BCFM Supplements I and BCFM Supplements II) and add the entire volume to bottle with medium.
3. Add prepared additional supplements required but not delivered with BCFM Kit:
 - Prepare 10^{-4} M solution of hydrocortisone* and add to medium in dilution 1:100.
 - Add antibiotics, if desired.
4. Use up complete medium within one month.

**Hydrocortisone, if dissolved is stable until one week, therefore it should be prepared and added freshly*

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