

# Chang Medium<sup>®</sup> BMC

## Chang Medium BMC (Bone Marrow Cultures)

Catalog Number 91004

Intended for the use in the primary culture of clinical human bone marrow cultures for karyotyping and other genetic testing of various hematological disorders.

This complete, ready-to-use medium is optimized to support efficient cell attachment and growth of bone marrow cells for cytogenetic analysis. No addition of any components is required prior to culturing bone marrow.

Manufactured in accordance with GMP Guidelines and ISO 13485:2003. Clinically tested at an independent Cytogenetics Laboratory, each lot has been shown to meet industry-standard performance criteria, as shown on the Certificate of Analysis. Sterilized by filtration through 0.1 micron filters and tested using current USP sterility protocols. Available in 100 mL and 500 mL bottles. Use and Assay Protocols.



### Storage & Stability

- Store frozen below -10° C until ready to use.
- Stable until the expiration date shown on the label when stored frozen.
- After thawing, any unused product can be dispensed into working aliquots and refrozen for later use, or tightly capped and stored at 2° C to 8° C for up to 30 days.
- Protect from fluorescent light
- Shelf- Life: 2-years from Date-of-Manufacture

### Preparations for Use

Recommended to thaw overnight in the refrigerator (2-8° C) then gently mix to assure homogeneity. Aseptically dispense 10 mL of medium into sterile culture flasks and equilibrate to 37° C for immediate use for bone marrow cultures.

### Precautions

Chang Medium BMC contains FBS and giant cell tumor - conditioned medium and should be handled with universal laboratory precautions. Contains antibiotic to reduce the potential of bacterial contamination, but aseptic techniques should always be used when dispensing the medium. Do not use any medium that is not red in color.

*Quality* defines the beginning and the end of product manufacture at Irvine Scientific. It begins with stringent supplier qualification standards and confirmation of incoming raw materials. Quality objectives and standards direct the detail of our manufacturing processes and protocols. In-process testing and confirmation ensures quality through each product's manufacture and endstage testing confirms that a product can be released into finished goods inventory. Quality of process at Irvine Scientific delivers confidence in performance and outcomes for our customers.

For *In Vitro* Diagnostic use. Always refer to product insert for complete instructions for use. For more information on all of our Prenatal/Cytogenetic Products, please visit our website at [www.irvinesci.com](http://www.irvinesci.com) and click "Prenatal". For more technical information, please call us at 1 (800) 437 5706 or 1 (949) 261 7800.

EC REP MPIE  
Schutweg 13 A  
5145 NP Waalwijk, The Netherlands



CATALOG #91004 Rev.2

### United States Headquarters

Irvine Scientific  
2511 Daimler Street, Santa Ana, CA 92705  
USA  
Phone: 1 (949) 261-7800  
Toll Free: 1 (800) 437-5706  
Fax: 1 (949) 261-6522  
[www.irvinesci.com](http://www.irvinesci.com)

### European Headquarters

Irvine Scientific  
Unit 31, Newtown Business Center, Block D  
Newtownmountkennedy  
County Wicklow  
Ireland  
Phone: +353 1 281 99 20  
Fax: +353 1 281 99 28



**IrvineScientific<sup>®</sup>**