

# Chang Medium<sup>®</sup> MF

## Chang Medium MF (Mitogen-Free)

Catalog Number 91005

Intended for the use in culturing human peripheral blood cells, bone, marrow, T-Cell Lymphocytes, and other human specimens for purposes of cytogenetic analysis.

This is a mitogen-free medium that may require the addition of a mitogenic agent such as PHA to optimize the growth of peripheral blood cells. The required concentration of PHA or other mitogens should be determined by the individual laboratory.

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.



### Preparations for Use

Specimen subjects should not have taken drugs for 7 days prior to collection of blood for testing. The mitotic index may be greatly reduced during the anergic phase of certain diseases (e.g.: Hodgkin's, sarcoidosis, etc.), and to a lesser degree in normal individuals during the later stages of pregnancy.

### 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

### Precautions

Contains FBS and should be handled with universal laboratory precautions. Always use aseptic techniques 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.

CE REP MPE  
Schulweg 13 A  
5145 NP Waalwijk, The Netherlands



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### 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



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