

## Mesothelial Cell Medium

<b>Product Type:</b>	Mesothelial Cell Medium
<b>Catalog Number:</b>	P60167

国内流通品にはFBSを含んでおりません。FBSを75mL添加してご使用ください。

### Product Description

Mesothelial Cell Medium (MtCM) is a complete medium designed for optimal growth of normal human mesothelial cells *in vitro*. It is a sterile, liquid medium which contains essential and non-essential amino acids, vitamins, organic and inorganic compounds, hormones, growth factors and trace minerals. The medium is a 15% Serum. It is HEPES and bicarbonate buffered and has a pH of 7.4 when equilibrated in an incubator with an atmosphere of 5% CO<sub>2</sub>/95% air. The medium kit is also formulated (quantitatively and qualitatively) with a cocktail of growth factors to provide a defined and optimally balanced nutritional environment that selectively promotes proliferation and growth of normal human mesothelial cells *in vitro*.

### Components

- 500 ml of Basal Medium
- 5 ml of growth supplements (MtGS)
- 5 ml of penicillin/streptomycin solution (P/S solution)
- ~~75 ml FBS~~

別途、FBSを75mL添加してください。

### Prepare for use

Thaw FBS and P/S solution at 37°C. To induce differentiation and proliferation of the cells, thaw also MtGS tube at 37°C. Gently tilt the tubes several times during thawing to help the contents dissolve. **Make sure the contents of the supplement are completely dissolved into solution before adding to the medium.** Rinse the bottle and tubes with 70% ethanol, and then wipe to remove excess. Remove the cap, being careful not to touch the interior threads with fingers. Add FBS and P/S solution into basal medium in a sterile field, mix well and then the reconstituted medium is ready for use. If the medium is warmed prior to use, do not exceed 37°C. When stored in the dark at 4°C, the reconstituted medium is stable for one month.

### Product Use

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. Not approved for human or veterinary use, for application to humans or animals, or for use *in vitro* diagnostic or clinical procedures.