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## Serum-Free Complete Mesenchymal Stem Cell Medium /w Kit – 500 ML

Catalog No: M5566SF  
(500 ml Basal medium with M5566-Kit)

### Description

Serum-Free Mesenchymal Stem Cell Medium is a complete medium designed for the culture of Mesenchymal Stem Cell. It was tested and optimized with Mesenchymal Stem Cell culture *in vitro*. It is formulated for use with 5% CO<sub>2</sub> and 95% air in a humidified incubator.

The medium consists of 500 ml of basal medium (containing essential and non-essential amino acids, vitamins, organic and inorganic compounds, hormones, growth factors, trace minerals), supplemented with Mesenchymal Stem Cell culture supplement, antibiotics, and fetal bovine serum.

Serum-Free Mesenchymal Stem Cell Medium Supplement Kit, Cat. No. M5566SF-Kit includes:

- 5.0 ML Mesenchymal Stem Cells Growth Supplement (100x)
- 5.0 ML Penicillin-Streptomycin Solution

\*Before use, add M5566SF-Kit to 500ml basal medium.

### Storage Condition

Store the basal medium at 2-8°C. Store cell growth supplement, fetal bovine serum (FBS) and antibiotics at -20°C. The complete cell culture medium with Supplement Kit can be kept in 4°C for two months. Protect from light.

To assure sterility, the prepared medium should be filtered with a 0.2 um filter after 2 weeks or if there is concern that sterility was compromised during the supplementation process.

### Shipping

Ice pack and dry ice.

### Authorized Uses of *Cell Biologics* Products

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