

Complete Mesenchymal Stem Cell Medium /w Kit – 500 ML

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

Description

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% CO₂ 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.

Mesenchymal Stem Cell Medium Supplement Kit, Cat. No. M5566-Kit includes:

- 5.0 ML MEM Non-Essential Amino Acids Solution (100x)
- 5.0 ML L-Glutamine
- 5.0 ML Penicillin-Streptomycin Solution
- 100 ML FBS

*Before use, add M5566-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.

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