

Product information

AllPhase human MSC culture kit

REF **AML-500**
REF **AML-500B (Basal Medium)**
REF **AML-500S (AllPhase Supplement)**



Basal Medium: 2°C to 8°C



Supplement: -20°C



Protect from light

Phenol Red **Yes**

❖ Product description

AllPhase human MSC Medium is an optimized serum-free and xeno-free medium recommended for the growth and expansion of *ex vivo* human mesenchymal stem cells (hMSCs), including bone marrow mesenchymal stem cell (BM-MS), adipose-derived stem cell (ADSC) and umbilical cord-derived mesenchymal stem cell (UC-MS).

Human MSCs cultured with AllPhase human MSC Medium keep an excellent expansion rate after several passages and maintain their self-renewal and multi-lineage differentiation potential in coating-free condition.

AllPhase Supplement is provided in liquid form (10 ml) and should be used to prepare complete AllPhase MSC medium (500 ml). Follow the procedure as specified in the user manual to prepare AllPhase complete medium.

❖ Storage/Stability

AllPhase Supplement should be stored at -20°C in the dark. To ensure stability, AllPhase Supplement should be thawed at 4°C for 20-24 hours before use.

Do not refreeze. AllPhase human MSC Medium should be stored at 2°C to 8°C.

❖ Direction of use

Aseptically add 10 ml of AllPhase Supplement in 500 ml of basal medium.

❖ Quality Control

AllPhase Supplement performance is tested for the maintenance and expansion of adipose-derived stem cells for 3 passages. Doubling time ≤ 35 hours. Others tested parameters: pH (7.0-8.0), endotoxins (<1 EU/ml), mycoplasma and sterility.