



MSI083Ra11

Medium for Rat Bone Marrow-derived Mesenchymal Stem Cells (BMMSCs)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

1th Edition (Revised in Sep, 2022)

[Description]

Medium for Rat Bone Marrow-derived Mesenchymal Stem Cells (BMMSCs), is a liquid medium free of mycoplasma, bacteria and fungi and contains essential and non-essential amino acids, vitamins, organic and inorganic compounds, hormones, growth factors, trace minerals and 5% concentrations of fetal bovine serum . It is a complete medium designed for optimal growth of Rat Bone Marrow-derived Mesenchymal Stem Cells (BMMSCs) *in vitro*.

[Components]

500 ml of Medium for Rat Bone Marrow-derived Mesenchymal Stem Cells consists of basal medium, 25 ml of FBS, 5 ml of mesenchymal stem cell growth supplement and 5 ml of penicillin/streptomycin solution.

[Storage]

Store the complete medium at -4°C.

Protect from light.

Note: When stored in the dark at 4°C, the reconstituted complete medium is stable for three months.

[Shipping]

Ice pack refrigerated transport.

[Important note]

- This product can be directly used for culture of Rat Bone Marrow-derived Mesenchymal Stem Cells *in vitro*, without additional FBS and P/S solution.
- Pay attention to aseptic operation when using the product to avoid contamination.
- In order to maintain the best use effect of this product, do not place it in room temperature or high temperature environment for a long time.
- Please use the product within the shelf life, if the shelf life is beyond, it must be abandoned.
- This product is for scientific research use only. It is not for diagnostic, therapeutic, clinical, family and other purposes.