

Rat Marrow Stromal Cell (RMSC) Medium

DESCRIPTION

- Ideal for investigating pathways of pluripotent cell differentiation into bone, cartilage, fat, and neuronal cells
- Each lot is QC tested
- 10 population doublings guaranteed with Genlantis media and reagents

RMSC Growth Medium - 500 ml • SMR419500

Rat Osteoblast Differentiation Medium 250 ml • SR417D250

Rat Adipocyte Differentiation Medium 250 ml • SR811D250

PrimaPure™ Rat Marrow Stromal Cell (RMSC) are isolated from adult or fetal bone marrow. They are cryopreserved at second passage and can be cultured and propagated for 10 population doublings.

Rat Marrow Stromal Cell (RMSC) or also known as Mesenchymal stem cells (MSC), have the ability to self-renew and differentiate into cells of various connective tissue lineages, such as bone, cartilage, fat, and neurons. The potential of MSCs to maintain multipotency and proliferate extensively *in vitro* provides new avenues for cell-based therapy in the restoration of damaged or diseased tissue. Each lot of PrimaPure MSC's is tested for its ability to attach and spread on standard tissue culture grade plastic surfaces and proliferate in Rat Marrow Stromal Cell Growth Medium. Additionally, each lot is characterized for bone mineralization and lipid accumulation following differentiation using osteoblast and adipocyte differentiation media, respectively.

Storage

Store the growth medium at 4°C in the dark.

Useage

For in vitro research use only

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