

## Mesenchymal Stem Cell Osteogenic Differentiation Medium

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#### Product Description:

Mesenchymal Stem Cell (MSC) Osteogenic Differentiation Medium consists of optimized MSC Osteogenic Differentiation Basal Medium, pre-selected fetal bovine serum, and cell culture supplements.

The medium is for research use only and not approved for human or animal use or for application in any in vitro diagnostic procedure.

#### Storage of the supplement:

All products should be stored in the dark.

- Mesenchymal Stem Cell Osteogenic Differentiation Basal Medium, Alizarin Red S and Gelatine is stable at 2-8°C for up to one year.  
Supplement is stable for a minimum 1 year at -20°C. Other components are stable at -20°C for up to two years.
- Products should be discarded beyond the labeled expiration date.
- Once prepared, the fully supplemented (complete) medium can be stored for 5 weeks when stored in the dark at 2-8°C.

#### Quality Control:

Tested for performance on mesenchymal stem cells. The standard evaluation includes:

1. Sterility test (bacteria, fungi and mycoplasma)
2. pH test
3. Osmolality
4. Endotoxin

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#### Product Information

- Catalogue number: PB-DH-675-os-200
- Components: 177 ml MSC Osteogenic Differentiation Basal Medium  
Mesenchymal Stem Cell-Qualified Fetal Bovine Serum, Ascorbate,  
Dexamethasone, Glutamine,  $\beta$  Glycerophosphate, Alizarin Red S,  
Gelatine

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