



StemXVivo™ Osteogenic Supplement (20X)

Media Supplement for Mouse MSC Osteogenesis

Catalog Number: CCM009

Volume: 12.5 mL

Product Description

The StemXVivo Osteogenic supplement is a media supplement for the differentiation of mouse mesenchymal stem cells (MSCs) into osteocytes. All the components have been selected and optimized for mouse MSC osteogenesis. This product does not contain antibiotics.

Intended Use

StemXVivo Osteogenic Supplement is designed to be used with StemXVivo Osteogenic Base Media (R&D Systems, Catalog # CCM007) for the desired differentiation application. It may be used with other base media to differentiate MSCs depending on the experimental design of each researcher.

Note: For an example using Catalog # CCM007 and CCM009 for mouse MSC Osteogenesis, refer to the MSC Differentiation Protocols (www.RnDSystems.com/go/OstMSCDiffProtocol).

Stability and Storage

Upon receipt, the StemXVivo Osteogenic Supplement should be stored at $\leq -20^{\circ}\text{C}$ in a manual defrost freezer. The supplement can be thawed at $2 - 8^{\circ}\text{C}$ or at room temperature. Thawed supplement can be aliquoted and stored at $\leq -20^{\circ}\text{C}$ in a manual defrost freezer for up to 3 months. Thaw a fresh aliquot with each use. Avoid repeated freeze-thaw cycles.

Limitations

- FOR LABORATORY RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.
- The safety and efficacy of this product in diagnostic or other clinical uses has not been established.
- This reagent should not be used beyond the expiration date indicated on the label.
- Results may vary due to variations among mouse MSC progenitor cells derived from different donors.