

Certificate of Analysis

Mesenchymal Stem Cells Chondrogenic Differentiation Medium

Catalog No. GUXMX-90041

Lot Number: T140507G001

Preparation Date: 2014-05-07

Size: 200 ml

Kit Components

Containing 194 ml of Mesenchymal Stem Cell Chondrogenic Differentiation Basal Medium (Cat. No. GUXMX-03041-194), 20 ul of Dexamethasone, 600 ul of Ascorbate, 2 ml of ITS + Supplement, 200 ul of Sodium Pyruvate, 200 ul of Proline and 2 ml of TGF- β 3. Store at 4 °C once prepared.

Sterility

Bacterial and Fungal Contamination: Samples are inoculated and cultured in blood agar plate, thioglycolate broth, tryptocase soy broth and sabouraud dextrose agar.

Specification: No growth must be observed.

Mycoplasma: Samples are tested for mycoplasma contamination using direct culture.

Specification: Results must be negative.

Endotoxin: Samples are tested for endotoxin contamination with LAL test.

Specification: Results must show a concentration of ≤ 25 EU/ml.

Differentiation Ability

Mesenchymal Stem cells are assayed after cryopreservation for their ability to differentiate into chondrocytes using Mesenchymal Stem Cells Chondrogenic Differentiation Medium, about 50% cells are stained with Alician Blue.

Results:

All specifications have been met.



Jane Chen

QA Manager

May 28, 2014