

Certificate of Analysis

Astrocyte Growth Medium

Catalog No. GXXAC-90011

Lot Number: 120821c01

Preparation Date: 2012-8-21

Size: 500ml

Kit Components

Containing 410 ml of Astrocytes Basal Medium (Cat. No. GXXAC-03011-440), 75 ml of Astrocytes-Qualified Fetal Bovine Serum (Cat. No. GXXAC -05001-75), 5 ml of Glutamine, 5 ml of Penicilin-Streptomycin Solution, 5 ml of Non-essential Amino Acid and 500 ul of 2-Mercaptoethanol, pH 7.2. 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 a PCR-based assay and direct culture.

Specification: Results must be negative.

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

Specification: Results must show a concentration of $\leq 25\text{EU/ml}$.

Cell culture testing

Each batch of growth medium is tested for its ability to support in vitro growth of Astrocytes. When are cultured in growth medium, cells must demonstrate a doubling time of 4-5 days, and can proliferate for ≥ 2 passages.

Results:

All specifications have been met.



Jane Chen
QA Manager
Sep 10, 2012