

# Certificate of Analysis

**Astrocyte Growth Medium**

Catalog No. GXXAC-90011

Lot Number: 110623c01

Preparation Date: 2011-6-23

Size: 500ml

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**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 Penicillin-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  $\leq 25\text{EU/ml}$ .

**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  $\geq 2$  passages.

**Results:**

Meet all specifications



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