

Certificate of Analysis

**Neural Stem Cells NCR Protein-Free
Cryopreservation Medium**

Preparation Date: 2013-10-14

Size: 20ml

Catalog No. GUXNX-07021

Lot Number: T131014G001

Kit Components

Containing 20 ml of Neural Stem Cells NCR Protein-Free Cryopreservation Medium (Cat. No. GUXNX-07021) , pH 7.2~7.4. Store at 4 °C.

Sterility

Bacterial and Fungal Contamination: Samples are inoculated and cultured on 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 Recovery Rates Testing

Each batch of cryopreservation medium is performance tested on neural stem cells. The cells are assayed for viability and recovery after thawing. The results of these tests must indicate $\geq 70\%$ of cells are viable.

Results:

All specifications have been met.



Jane Chen

QA Manager

Nov 15, 2013