

## Certificate of Analysis

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

Preparation Date: 2011-12-25  
Size: 20ml

Catalog No. GUXNX-07021

Lot Number: 111225c01

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### 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 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 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:

Meet all specifications

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Jan 8, 2012