

## 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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