

## Certificate of Analysis

**OriCell™ Neuron NCR Protein-Free  
Cryopreservation Medium**  
Preparation Date: 2012-11-07  
Size: 20ml

Catalog No. GUXNR-07021  
Lot Number: 121107c01

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### Kit Components

Containing 20 ml of Neuron NCR Protein-Free Cryopreservation Medium (Cat. No. GUXNR-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 a concentration of  $\leq 25\text{EU/ml}$ .

### Cell Recovery Rates Testing

Each batch of cryopreservation medium is performance tested on rat neuron cell. Cryopreservation of rat neuron cells is handled with this cryopreservation medium. Once thawed, the recovery rate of rat neuron cells mesenchynal stem cells is over 70%.

### Results:

All specifications have been met.

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