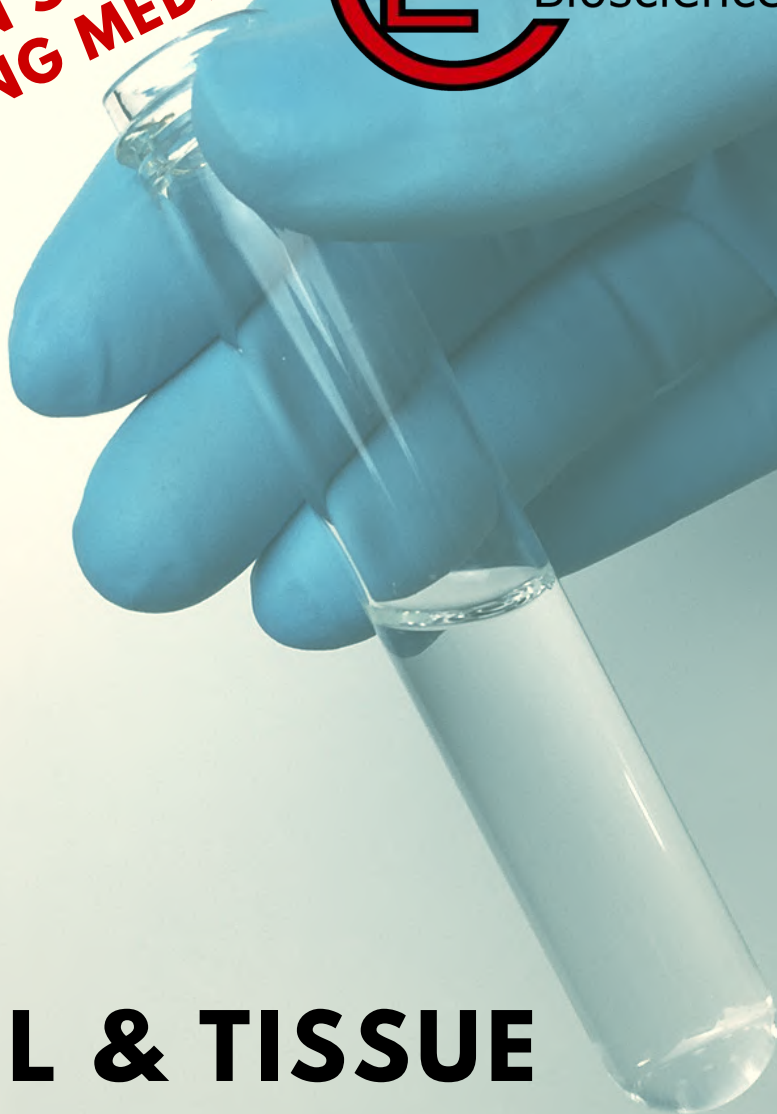


**SEE OUR NEW  
BRAIN SLICE  
CUTTING MEDIA**



EcoCyte  
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**CELL & TISSUE  
MEDIA**



## Brain Slice Cutting Media

### HS-BSCS High Sucrose Brain Slice Cutting Solution

Solution for cutting acute brain slices from rats and mice

Sucr: 75mM, NaHCO<sub>3</sub>: 24mM, Glucose: 25mM, MgCl<sub>2</sub>: 4mM, NaH<sub>2</sub>PO<sub>4</sub>: 1.25mM, KCl: 2.5mM, CaCl<sub>2</sub>: 0.5mM, NaCl: 85mM

### SHS-BSCS Sodium-free High Sucrose Brain Slice Cutting Solution

Solution for cutting acute brain slices from rats and mice

Sucr: 234mM, NaHCO<sub>3</sub>: 26mM, Glucose: 11mM, MgSO<sub>4</sub>: 10mM, NaH<sub>2</sub>PO<sub>4</sub>: 1.25mM, KCl: 2.5mM, CaCl<sub>2</sub>: 0.5mM

### CC-BSCS Choline Chloride Brain Slice Cutting Solution

Solution for cutting acute brain slices from rats and mice

Choline Chloride: 110mM, NaHCO<sub>3</sub>: 25mM, Glucose: 25mM, Na L-Ascorbate: 11.6mM, MgSO<sub>4</sub>: 7mM, NaH<sub>2</sub>PO<sub>4</sub>: 1.25mM, KCl: 2.5mM, CaCl<sub>2</sub>: 0.5mM

### MH-BSCS Modified HEPES Brain Slice Cutting Solution

Solution for cutting, recovery and storage of acute brain slices from rats and mice

NaCl: 92mM, NaHCO<sub>3</sub>: 30mM, Glucose: 25mM, Na L-Ascorbate: 5mM, MgSO<sub>4</sub>: 10mM, NaH<sub>2</sub>PO<sub>4</sub>: 1.25mM, KCl: 2.5mM, CaCl<sub>2</sub>: 0.5mM, HEPES: 20mM, Thiourea: 2mM, Na Pyruvate: 3mM

## Brain Slice Recovery Media

### NH-BSRS NMDG-HEPES Brain Slice Recovery Solution

Solution for recovery of acute brain slices from rats and mice after the cutting procedure

N-Methyl-D-Glucamine: 93mM, NaHCO<sub>3</sub>: 30mM, Glucose: 25mM, Na L-Ascorbate: 5mM, MgSO<sub>4</sub>: 10mM, NaH<sub>2</sub>PO<sub>4</sub>: 1.25mM, KCl: 2.5mM, CaCl<sub>2</sub>: 0.5mM, HEPES: 20mM, Thiourea: 2mM, Na Pyruvate: 3mM

## Brain Slice Recording Media

### ACSF Artificial cerebrospinal fluid

Solution for use with mammalian neuronal tissue.

NaCl: 125mM, KCl: 3mM, CaCl<sub>2</sub>: 2.5mM, MgSO<sub>4</sub>: 1.3mM, NaH<sub>2</sub>PO<sub>4</sub>: 1.25mM, NaHCO<sub>3</sub>: 26mM, Glucose: 13mM

## Heart Slice Recording Media

### MTS Modified Tyrode's Solution

Solution for use with mammalian heart tissue.

NaCl: 126.7mM, KCl: 5.4mM, CaCl<sub>2</sub>: 1.8mM, MgCl<sub>2</sub>: 1.05mM, NaH<sub>2</sub>PO<sub>4</sub>: 0.42mM, NaHCO<sub>3</sub>: 22mM, Glucose: 5mM

## Xenopus Oocytes Media

### NFR Normal Frog Ringer

Solution for lab experiments with Xenopus laevis oocytes

NaCl: 90mM, KCl: 2mM, CaCl<sub>2</sub>: 2mM, MgCl<sub>2</sub>: 1mM, HEPES: 5mM

### MBS Modified Barth's Solution

Solution for storage and maintenance of oocytes from Xenopus laevis.

NaCl: 88mM, KCl: 1mM, CaCl<sub>2</sub>: 0.4mM, Ca(NO<sub>3</sub>)<sub>2</sub>: 0.33mM, MgSO<sub>4</sub>: 0.8mM, Tris-HCl: 5mM, NaHCO<sub>3</sub>: 2.4mM

### CMBS Calcium-free Barth's Solution

Solution for defolliculation of Xenopus laevis oocytes by collagenase treatment

NaCl: 90mM, KCl: 2mM, CaCl<sub>2</sub>: 2mM, MgCl<sub>2</sub>: 1mM, HEPES: 5mM

## Customized Media

### XXX Your customized Solution

We produce your recipe, your label

Fast and reliable



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