

Materials List for:

Preparing E18 Cortical Rat Neurons for Compartmentalization in a Microfluidic Device

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Materials

Name	Type	Company	Catalog Number	Comments
NBM	medium			Neural Basal Media containing glutamax and B27
E18 rat embryos				for cortex
PBS	buffer			ice-cold Calcium-free Magnesium-free dissection buffer
Plastic conical tubes				15 ml, for tissue culture
0.25% Trypsin-EDTA				
37°C water bath				
Pasteur pipets				glass
DMEM	medium			
FBS				serum, used at 10% in DMEM
centrifuge				set at 2500 rpm
Trypan Blue				for counting live/dead cells