

Materials List for

# Preparation of Single-Somite Explants from Zebrafish Embryos

Sundar R. Naganathan<sup>1</sup>, Andrew C. Oates<sup>1</sup>

<sup>1</sup>Institute of Bioengineering, École polytechnique fédérale de Lausanne (EPFL)

## Corresponding Authors

**Sundar R. Naganathan**  
sundar.naganathan@gmail.com

**Andrew C. Oates**  
andrew.oates@epfl.ch

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jove.com/video/63196

## Materials

Name	Company	Catalog Number	Comments
Agarose	Sigma	9012-36-6	For coating bottom of petri dishes
Agarose, low gelling temperature	Sigma	39346-81-1	For preparing Viventis imaging chamber
Camera	Andor	Andor Zyla 4.2 Plus	For image acquisition in the light-sheet microscope
Detection objective	Nikon	Nikon CFI75 Apo LWD 25x/1.1 NA	For imaging explants
FEP membrane strip	Lohmann Technologies UK Ltd	Dupont FEP Fluorocarbon film, 200A	For preparing Viventis imaging chamber
Fine forceps	Dumont	Dumont 5SF 11252-00	For removal of skin of embryos
Forceps	Dumont	Dumont 55	For dechorionating embryos
Leibovitz's L-15 medium	Gibco	21083-027	Explant culture medium
Light-sheet microscope	Viventis	LS1 live	For imaging explants
Micro knife	Fine Science Tools	10318-14	For making incisions in embryos
Silicone rubber formulation	Wacker Chemie AG	Silpuran 4200	For preparing Viventis imaging chamber