

Materials List for:

Labeling and Imaging Cells in the Zebrafish Hindbrain

Pradeepa Jayachandran¹, Elim Hong², Rachel Brewster¹

¹Department of Biological Sciences, University of Maryland, Baltimore County

²Center for Neuroscience, Children's National Medical Center

Correspondence to: Rachel Brewster at brewster@umbc.edu

URL: <https://www.jove.com/video/1976>

DOI: [doi:10.3791/1976](https://doi.org/10.3791/1976)

Materials

Solutions

- Hank's Stock #1: 8.0 g NaCl , 0.4 g KCl in 100 ml dd H₂O
- Hank's Stock #2: 0.358 g Na₂HPO₄ Anhydrous, 0.60 g KH₂PO₄ in 100 ml ddH₂O
- Hank's Stock #4: 0.72 g CaCl₂ in 50 ml ddH₂O
- Hank's Stock #5: 1.23 g MgSO₄·7H₂O in 50 ml dd H₂O
- 1 X Phosphate Buffer: 0.8% NaCl, 0.02% KCl, 0.02 M PO₄, pH 7.3
- Blocking Solution: 2% normal goat serum, 1% bovine serum albumin (BSA), 1% dimethylsulfoxide (DMSO)