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Version 1

# Slice Preparation and Blockface Imaging for Electrophysiology - Mouse V.1

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**Protocol status:** Working

**We use this protocol and it's working**

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**Keywords:** blockface imaging of the mouse brain, blockface imaging for electrophysiology, procedure for transcardial perfusion, transcardial perfusion, blockface imaging, slice preparation, output tissue, imaging, mouse brain, slicing, slice, dissection, tissue, electrophysiology, electrophysiological recording, mouse, live cell filling application, adult mouse, mouse this protocol, leica vibratome

## Abstract

This protocol describes the procedure for transcardial perfusion of an adult mouse, followed by dissection, embedding, slicing, and blockface imaging of the mouse brain using either a Leica vibratome or a compresstome. The output tissue is suitable for use in electrophysiological recordings and/or live cell filling applications.

## Attachments



[AF0099\\_Slice\\_Prepara...](#)

1.8MB

## Troubleshooting

