



Mar 02,
2020

Slice Preparation and Blockface Imaging for Electrophysiology - Mouse

Allen Institute for Brain Science¹

¹Allen Institute

1

Works for me

[dx.doi.org/10.17504/protocols.io.bcsdiwa6](https://doi.org/10.17504/protocols.io.bcsdiwa6)

BICCN

Allen Institute for Brain Science



Dillan Brown



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_Preparation_and_Blockface_Imaging_for_Electrophysiology_Mouse.docx](#)



This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited