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Slice Preparation and Blockface Imaging for Electrophysiology - Mouse V.4

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Protocol status: Working
We use this protocol and it's working

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Keywords: AF0099, blockface, imaging, slice, preparation, mouse, blockface imaging of the mouse brain, blockface imaging for electrophysiology, transcardial perfusion, blockface imaging, procedure for transcardial perfusion, output tissue, mouse brain, electrophysiology, slice preparation, electrophysiological recording, tissue, adult mouse, dissection, live cell filling application, slicing, 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.

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Attachments

557766_Pump_66,67_Ma... 1MB

LAAS Manual.pdf 1.9MB

leica VT1200S.pdf 1.5MB

Compresstome-VF-300-... 1.3MB

AF0099_Slice_Prepara... 1.8MB

Troubleshooting