

Sep 16, 2019

Version 1

Slice Preparation with Tissue Dissociation - Mouse Protocol V.1

DOI

<https://dx.doi.org/10.17504/protocols.io.7dwhi7e>

ZengU19 BRAIN grant¹

¹Allen Institute

BICCN / BICAN

Allen Institute for Brain S...



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Protocol status: Working

We use this protocol and it's working

Created: September 16, 2019

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Protocol Integer ID: 27798

Keywords: Slice preparation, tissue dissociation, mouse, slice preparation with tissue dissociation, slice preparation, procedure for transcardial perfusion, transcardial perfusion, slicing, dissection, cell suspension, brain dissection, mouse protocol this protocol, cell transcriptional profiling, mouse protocol, tissue, roi microdissection, blockface imaging, single cell, cell, adult mouse, transcriptional profiling, procedure

Abstract

This protocol describes the procedure for transcardial perfusion of an adult mouse, followed by brain dissection, embedding, slicing, blockface imaging, ROI microdissection, and tissue dissociation. The output of this protocol is a cell suspension that can be sorted via FACS for single-cell transcriptional profiling.

Attachments



[AF0100_Slice_Prepara...](#)

1.8MB

