

Dec 01, 2023

ELISA

DOI

<https://dx.doi.org/10.17504/protocols.io.kqdg3xw67g25/v1>

Pranay Srivastava¹

¹Massachusetts General Hospital, ASAP



Fang Zhou

Massachusetts General Hospital, Aligning Science Across Park...

Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account

OPEN  ACCESS



DOI: <https://dx.doi.org/10.17504/protocols.io.kqdg3xw67g25/v1>

Protocol Citation: Pranay Srivastava 2023. ELISA. protocols.io <https://dx.doi.org/10.17504/protocols.io.kqdg3xw67g25/v1>

License: This is an open access protocol distributed under the terms of the **Creative Commons Attribution License**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this protocol and it's working

Created: December 01, 2023

Last Modified: May 31, 2024

Protocol Integer ID: 91668

Keywords: ASAPCRN

Abstract

This protocol is to determine the levels of IL-1 β and TNF- α in plasma and brain (Srivastava et al. 2020).



- 1 Blood samples from all the treatment groups were collected through cardiac puncture in 40 mM EDTA and plasma was collected by centrifugation.
- 2 The plasma samples were immediately transferred to dry ice and then stored at -80°C till further analysis.
- 3 A small fraction of ventral midbrain tissue homogenate prepared in 1x RIPA buffer (Cell Signaling, Cat#9806) was used for analysis of IL-1 β and TNF- α using mouse ELISA kits (Biolegend Cat# 430904; 432604).