

Jan 19, 2024

Version 1

OCT Embedding V.1

DOI

<https://dx.doi.org/10.17504/protocols.io.3byl4qy6ovo5/v1>

Joanna Bi¹

¹Stanford University

NCIHTAN



Joanna Bi

Stanford University

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.3byl4qy6ovo5/v1>

Protocol Citation: Joanna Bi 2024. OCT Embedding. protocols.io <https://dx.doi.org/10.17504/protocols.io.3byl4qy6ovo5/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: January 18, 2024

Last Modified: January 19, 2024

Protocol Integer ID: 93717

Keywords: embedding oct, embedding protocol, protocol

Abstract

OCT Embedding protocol



- 1 Sample tissue is collected fresh.
- 2 Squeeze a thin layer of OCT compound (Sakura Tissue-Tek O.C.T. Compound, ref 4583) into a disposable mold.
- 3 Place the sample tissue in the center of the mold, with the side to be cut oriented into the mold.
- 4 Squeeze more OCT compound over the top to full cover the tissue.
- 5 Lower the mold into liquid nitrogen, being careful to not fully submerge the mold. Hold in liquid nitrogen for a few seconds until fully frozen.
- 6 Place frozen mold in dry ice until stored in -80°C