

Aug 09, 2023

© KAPP-Sen TMC: Pancreas Tissue Blocks Paraffin Embedding

DOI

dx.doi.org/10.17504/protocols.io.36wgq3j1olk5/v1

Cristina Aguayo-Mazzucato¹, Kanako lwasaki^{1,2}

¹Joslin Diabetes Center, Harvard Medical School, Boston, MA, USA;

²Tazuke Kofukai Medical Research Institute, Kitano Hospital, Osaka, Japan

Cellular Senescence Net...

KAPP-Sen TMC



Sergii Domanskyi

The Jackson Laboratory for Genomic Medicine

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.36wgq3j1olk5/v1

Protocol Citation: Cristina Aguayo-Mazzucato, Kanako Iwasaki 2023. KAPP-Sen TMC: Pancreas Tissue Blocks Paraffin Embedding. **protocols.io** https://dx.doi.org/10.17504/protocols.io.36wgq3j1olk5/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: August 09, 2023

Last Modified: August 09, 2023

Protocol Integer ID: 86242

Keywords: SenNet KAPP-Sen TMC, pancreas tissue blocks paraffin, paraffin cassette, paraffin, joslin histology core, sen tmc,

tissue

Disclaimer

DISCLAIMER - FOR INFORMATIONAL PURPOSES ONLY; USE AT YOUR OWN RISK

The protocol content here is for informational purposes only and does not constitute legal, medical, clinical, or safety advice, or otherwise; content added to <u>protocols.io</u> is not peer reviewed and may not have undergone a formal approval of any kind. Information presented in this protocol should not substitute for independent professional judgment, advice, diagnosis, or treatment. Any action you take or refrain from taking using or relying upon the information presented here is strictly at your own risk. You agree that neither the Company nor any of the authors, contributors, administrators, or anyone else associated with <u>protocols.io</u>, can be held responsible for your use of the information contained in or linked to this protocol or any of our Sites/Apps and Services.

Abstract

The paraffin cassettes were fixed in 4% paraformaldehyde for 24 hours and processed for paraffin embedding at **Joslin Histology Core** as described here.

Troubleshooting



Tissue processing using the Citadel 2000 Table Top Processor

1 Tissue is processed overnight.

Note

Ethanols and Xylenes are at room temperature and paraffin is at 58-60°C

Note

Paraffin is Fisherbrand Histoplast PE Cat.#: 22900700

- 1.1 Cassettes are submersed in 50% EtOH at the end of the day.
- 1.2 Processor programmed to start overnight and finish the following morning.
- 2 Tissue blocks are transferred to a vacuum paraffin bath.
- 3 Tissue blocks are then embedded and placed in 4°C wrapped in foil.