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

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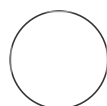
PROTOCOL integer ID:
81614

Keywords: Procure 812, formalin, epon

TS Procure 812 - primary fixation Karnovsky's - tissue (TM - 013)

sandra.crameri¹

¹CSIRO ACDP



sandra.crameri

ABSTRACT

The method is used to process conventionally EM fixed 1mm³ tissues to Procure 812 resin blocks.

GUIDELINES

Sample is not optimal for EM, best to dissect and use only the outer 2mm of tissue mass. Sample is usually derived from histology.

HEADER

1 SAN:













SPEC No:



OPERATOR & STEPS:


OPERATOR & STEPS:

Conventional

5h 15m

- 2 Karnovsky's fixative: [IM] 2.5 % volume  25% Glutaraldehyde Contributed by users and [IM] 4 % volume  16% Paraformaldehyde ProSciTech Catalog #C004 in [IM] 0.1 Molarity (M) Sorenson's Phosphate buffer (pH 7.2, 300mosmol/kg) for at least  00:40:00 or overnight  40m
- 3 [IM] 0.1 Molarity (M) buffer  00:15:00  15m
- 4 [IM] 1 % volume  Osmium Tetroxide ProSciTech in buffer  01:00:00  1h
- 5 [IM] 70 % volume  Ethanol Contributed by users for at least  00:20:00 or overnight  20m

- 6 [IM] 95 % volume  Ethanol Contributed by users  00:20:00 20m
- 7 [IM] 100 % volume  Ethanol Contributed by users  00:20:00 20m
- 8 [IM] 100 % volume  Ethanol Contributed by users dried with molecular sieve  00:20:00 20m
- 9 [IM] 50 % volume  Ethanol Contributed by users [IM] 50 % volume  Propylene oxide ProSciTech Catalog #C156  00:20:00 20m
- 10 [IM] 100 % volume  Propylene oxide ProSciTech Catalog #C156  00:20:00 20m
- 11 [IM] 50 % volume  Propylene oxide ProSciTech Catalog #C156 [IM] 50 % volume Procure 812
- 12 [IM] 100 % volume Procure 812  00:20:00 20m
- 13 [IM] 100 % volume Procure 812  01:00:00 1h

14 Embed & polymerise overnight in oven at  60 °C