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

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

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ABSTRACT

This method is used for conventional processing of tissue to Spurr's resin.

GUIDELINES

All time are minimum times, it is acceptable to go over time specified for any given step. Good place steps to leave overnight or at 70% ethanol and 50/50 Spurrs/Ethanol mix.

HEADER

1 SAN:

SPEC No:

OPERATOR & STEPS:

OPERATOR & STEPS:

CONVENTIONAL

5h 15m

2 [M] 2.5 % volume 25% Glutaraldehyde **Contributed by users** plus [M] 4 % volume 16% Paraformaldehyde **ProSciTech Catalog #C004** in [M] 0.1 Molarity (m) for at least 00:40:00 — 40m

3 Wash [M] 0.1 Molarity (M) Sorenson's Phosphate Buffer pH 07.2 (300mosmol/kg) for 00:15:00 — 15m

4 [M] 1 % volume Osmium Tetroxide **ProSciTech** in buffer for 01:00:00 — 1h

5 [M] 70 % volume Ethanol **Contributed by users** for at least 00:20:00 — 20m

6 [M] 95 % volume Ethanol **Contributed by users** for 00:20:00 — 20m

7 [M] 100 % volume Ethanol **Contributed by users** for 00:20:00 — 20m

8 [M] 100 % volume Ethanol **Contributed by users** dried molecular sieved for 00:20:00 — 20m

9 [M] 50 % volume Ethanol **Contributed by users** [M] 50 % volume Spurrs resin mix **ProSciTech** for 00:30:00 — 30m

10 [M] 100 % volume Spurrs resin mix **ProSciTech** 00:30:00 — 30m

11 [M] 100 % volume Spurrs resin mix **ProSciTech** 01:00:00 — 1h

12 Oven polymerise overnight at 65 °C