ABSTRACT

Processing a cell monolayer on Thermanox coverslips to Spurrs resin block for EM.

GUIDELINES

All step times are the minimum time required. Longer steps are acceptable.

PROTOCOL MATERIALS

- Osmium Tetroxide ProSciTech
  - Step 4
- Ethanol Contributed by users
  - Step 5
- Ethanol Contributed by users
  - In 4 steps
- Glutaraldehyde aqueous solution 25% EM Grade ampolles ProSciTech Catalog #C002
  - Step 2
HEADER

1 SAN:

SPEC No:

OPERATOR & STEPS:

OPERATOR & STEPS:

Conventional - with reduced times for monlayer thickness

2 [M] 2.5% % volume

Glutaraldehyde aqueous solution 25% EM Grade in
ampoules ProSciTech Catalog #C002

[M] 0.1 Molarity (M) Sorenson's phosphate buffer in buffer

3 Wash buffer 00:05:00

4 [M] 1 Mass / % volume

Osmium Tetroxide ProSciTech in buffer 00:30:00

5 [M] 70 % volume

Ethanol Contributed by users 00:10:00
6. 95% volume ethanol contributed by users, 00:05:00

7. 100% volume ethanol contributed by users, 00:05:00

8. 100% volume dry ethanol contributed by users, 00:05:00

9. 100% volume Spurrs, 100% volume dry ethanol contributed by users in 1:1 ratio, 00:30:00

10. 100% volume Spurrs, 00:30:00

11. 100% volume Spurrs, 00:30:00

12. Oven polymerise at 65°C overnight