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

Created: May 09, 2023

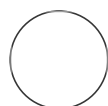
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81632

TS Spurrs - FFPE block - 1mm3 cube cut out - tissue (TM - 013)

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ABSTRACT

Processing unstained paraffin block that has had a 1mm3 piece dissected out of the face to Spurr's resin block for EM.

GUIDELINES

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

HEADER

1 SAN:




SPEC No:




OPERATOR & STEPS:




OPERATOR & STEPS:

Dewax FFPE sections

15m



2  xylene Contributed by users or X3B  Overnight at  60 °C 5m

3  xylene Contributed by users or X3B  00:05:00 at  Room temperature 5m

4  xylene Contributed by users or X3B  00:05:00 at  Room temperature 5m

Rehydrate


15m

5 [IM] 100 % volume  Ethanol Contributed by users  00:10:00 10m

6 [IM] 95 % volume  Ethanol Contributed by users  00:10:00 10m

7

[M] 70 % volume

 Ethanol Contributed by users 00:10:00

10m


Conventional - with reduced times for 5um thick FFPE secti...

2h 50m



8

[M] 2.5% % volume

20m

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

in

[M] 0.1 Molarity (M) Sorenson's phosphate buffer  07.2 300 mosmol/kg  00:20:00 .


9

Wash buffer  00:05:00

5m

10


[M] 1 Mass / % volume

 Osmium
Tetroxide ProSciTechin buffer  01:00:00

1h

11


[M] 70 % volume

 Ethanol Contributed by users 00:10:00

10m

12


[M] 95 % volume

 ethanol Contributed by users 00:10:00

10m

13

[M] 100 % volume

 ethanol Contributed by users 00:10:00

10m

- 14 [M] 100 % volume dry ethanol Contributed by users 00:10:00 10m
- 15 [M] 100 % volume ratio Spurrs: [M] 100 % volume dry ethanol Contributed by users in 1:1 00:30:00 30m
- 16 [M] 100 % volume Spurrs 01:00:00 1h
- 17 [M] 100 % volume Spurrs 01:00:00 1h
- 18 Oven polymerise 65 °C Overnight