



VERSION 2

MAY 09, 2023

OPEN  ACCESS

DOI:

[dx.doi.org/10.17504/protocols.io.81wgb6jpolpk/v2](https://dx.doi.org/10.17504/protocols.io.81wgb6jpolpk/v2)

**Protocol Citation:** sandra.crameri 2023. TS Spurrs - cell pellet (TM - 013).

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<https://dx.doi.org/10.17504/protocols.io.81wgb6jpolpk/v2>  
Version created  
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**Protocol status:** Working  
We use this protocol and it's working

**Created:** May 09, 2023

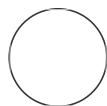
**Last Modified:** May 09, 2023

**PROTOCOL integer ID:**  
81627

## TS Spurrs - cell pellet (TM - 013) V.2

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### ABSTRACT

This method is used for conventional processing of cell pellets 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 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 

20m


 00:20:00
- 9 

[M] 50 % volume


 Ethanol Contributed by users

[M] 50 % volume


30m


 Spurrs resin mix ProSciTech

 for 

 00:30:00
- 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