

#### **VERSION 2**

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## OPEN ACCESS

#### DOI

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#### protocols.io

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

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2023

**PROTOCOL** integer ID:

81816

# TS Procure 812 - primary fixation Karnovsky's - transwells (TM - 013) V.2

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### **ABSTRACT**

The method is used to Karnovsky's EM fixed transwells to Procure 812 resin blocks. The presence of 4% paraformaldehyde is only used to satisfy microsecurity requirements.

#### **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 | All solutions are exchanged above and below the membrane, up to step 10.  |        |
| 3 | Karnovsky's fixative: [M] 2.5 % volume 25% Glutaraldehyde Contributed by users and 16% Paraformaldehyde ProSciTech Catalog in #C004  [M] 0.1 Molarity (M) Sorenson's Phosphate buffer (pH 7.2, 300mosmol/kg) for at least © 00:40:00 or overnight | 40m    |
| 4 | [м] 0.1 Molarity (M) buffer 00:15:00  | 15m    |



