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TECHNICAL DATA SHEET 472B

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Poly/Bed[®] 812 BDMA Mini-Kit

Formulated according to Glauert

KIT CONTAINS:

- Poly/Bed[®] 812 50mL (in 120ml jar)
- DSA (Dodecynyl Succinic Anhydride) 40mL
- NMA (Nadic Methyl Anhydride) 25mL
- BDMA (Benzylidimethylamine) 5mL

ADDITIONAL SUPPLIES INCLUDED IN KIT:

- 3 x 10mL syringes
- 1 x 5mL syringe
- 2 wooden mixers

HOW TO PREPARE THE EMBEDDING MEDIA:

Open the large 120mL jar which contains 50mL of Poly/Bed[®] 812 and add the entire contents of ingredients 2, DDSA 40mL, and ingredient 3, NMA 25mL (drain completely). Using the 5ml syringe, withdraw 3.5mL of ingredient 4, BDMA and add to the mixture pushing the plunger rapidly to insure that all the contents are released into the mix.

Mix thoroughly, using the wooden mixer provided. Avoid producing bubbles. Draw the mixture into the 10mL syringes. Use the syringes to dispense the mixture for infiltration and embedding in molds or capsules.

The unused mixture can be stored in anaerobic conditions (i.e. in syringes) at 4°C for 2 weeks or at -20°C for 2 months.

After completion of specimen dehydration, we recommend 3 steps of infiltration of 1:1, 1:2 and 0:1 (propylene oxide: embedding mixture) for 30 minutes each before transferring the tissue to embedding molds or capsules.

Polymerization is done in a 60°C oven for 24 hours. Allow to return to room temperature before cutting in the ultramicrotome.

ORDERING INFORMATION:

| Cat.# | Description | Size |
|-------|---|-------|
| 21959 | Poly/Bed [®] 812 BDMA Mini-Kit | 1 kit |

TO ORDER

In The U.S. Call: 1(800) 523-2575 • (215) 343-6484
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