

LR White Medium with accelerators (TAAB L012/L) for light microscopy and Spurr Medium (TAAB S032/D) for electron microscopy

oven is a TAAB embedding oven MKII

Embedding into capsules

1. Label capsules.
2. Fill around $\frac{1}{4}$ to $\frac{1}{2}$ of the capsule with resin.
3. Place sample into capsule, ensure the sample is in the correct position.
4. Fill the rest of the capsule with resin.
5. Place capsule in nitrogen oven rack – lids open. The left hand side of the oven will polymerise blocks faster therefore put them all to the left side or turn half way through.
6. Complete the above steps for all samples.

Nitrogen oven

1. Check the taps are not clogged using tweezers in the fume hood.
2. Place samples in the oven and the nitrogen oven lid on.
3. Close the right hand tap and open the left. Turn on the nitrogen (blue tap on fume hood, turn 180°). Leave this for 5-10 minutes.
4. Open right hand tap. Leave for 5-10 minutes.
5. Close both taps and turn off nitrogen.
6. Leave samples for 16 – 20 hours to polymerise.