

Plastic - Embedding

GMA, MMA, EPOXY

JB-4® Embedding Kit

Cat. #00226, GMA based

Water-soluble, GMA based, plastic resin kit intended for use in the preparation of embedded samples for high resolution light microscopy. Widely used for research and clinical diagnosis. JB-4 yields semi-thin sections (0.5µ-2µ) with excellent morphological preservation. Clear casts are obtained in 90 minutes or less on ice or at 4°C. JB-4 is the leading water-soluble plastic embedding kit for light microscopy. It has been successfully used in enzyme histochemistry, and auto-radiography.



Kit Contains: 800ml Solution A; 30ml Solution B; 12g Catalyst

JB-4® Plus Embedding Kit

Cat. #18570, GMA Based

Unique polymer embedding system that gives a higher level of morphological detail than paraffin processed tissues. Offers all the benefits of JB-4, plus additional advantages of a cooler acting accelerator and the production of clear blocks. Clear polymer embedding matrix is essential to numerous histological & histochemical procedures, most notably in ophthalmic applications. Excellent for routine stains, special stains, and histochemical staining.



Kit Contains: 500ml Solution A, 15ml Solution B, 8g Benzoyl Peroxide, Catalyst

Osteo-Bed Bone Embedding Kit

Cat. #17734, MMA based

Formulation for embedding large and small mineralized (undecalcified) bone specimens. Osteo-Bed is a methyl methacrylate-based material that can be removed from the section and allows the use of staining procedures very much like a paraffin section. Also recommended for immunohistochemistry procedures performed on trephines and other non-decalcified bone or soft tissues. Not water-soluble.



Kit Contains: 900ml Osteo-Bed Resin Solution A; 2 x 12g Benzoyl Peroxide; Plasticized (Catalyst)

Osteo-Bed Plus Embedding Kit

Cat. #24889, MMA Based

Offers the same benefits as Osteo-Bed Bone Embedding Kit with the added benefit of producing much harder blocks for supporting undecalcified bone specimens and bone containing metal implants, grafts and stents. Infiltrates rapidly and produces high hardness after polymerization.



Kit Contains: Benzoyl Peroxide, Plasticized 2 x 12g; Osteo-Bed Plus Resin Solution A 900 ML

Embed-It™ Low Viscosity Epoxy Kit

Cat. #24300 - Epoxy Based Kit

A modification of the Spurr's formulation, the *Embed-It™* Low Viscosity Epoxy Kit can be used for embedding biological material, and mineralogical samples. This kit is composed of two very low viscosity components packaged in easy to dispense squeeze top bottles. The components are mixed in equal parts by weight to make the infiltration and embedding resin. The resin readily penetrates the specimen and cures to a clear hard block overnight at 60°C.

- Easy To Use - Mix only 2 components in equal proportions
- Save Time - Eliminate multiple weighing steps with convenient squeeze bottle format
- Convenient - Mix only the amount you need
- Less Hazardous - Components shipped together as non hazardous materials

Kit Contains:

100ml of Solution A and Solution B



Araldite® 502 Kit, Luft's Formula

Cat. #02600 - Epoxy Based Kit

Araldite 502 is a modified Epoxy Resin containing a nonreactive diluent which increases resiliency of the cured product. Araldite 502 kit, Luft's Formula overcomes penetration difficulties by using propylene oxide as an additional clearing agent. Permits embedding of tissue from fixation to sectioning in about 24 hours.

Kit Contains:

500g Araldite 502, 450g DDSA, 100g DMP-30

