



Paraffin and related products

PanReac AppliChem offers a range of products for the processing of samples in hospital laboratories. In this promotion we focus on the **embedding** stage (paraffins) and related products such as reagents for **deparaffination-hydration** and **microscopy**.



Products for Embedding

Embedding consists in replacing the water of the tissue by a liquid medium capable of solidifying under the appropriate temperature conditions. This stage provides the sample with adequate consistency and homogeneity to obtain very thin translucent sections by means of an instrument called a microtome.




Paraffin is one of the most used products in laboratories of Anatomic Pathology. The paraffin blocks are placed on a device that uses an extremely sharp knife (a **microtome**) to obtain very thin pieces of tissue.

Paraffins

Product name	Application	Code	Package
Paraffin M.P. 55-58°C plasticized + DMSO pellets CE	Embedding medium for preparation of fixed and dehydrated human tissue samples. DMSO improves paraffin penetration and sample preservation. It produces a more homogeneous matrix and better support.	256993.0933	6 x 1 kg 
		256993.0415	10 kg
Paraffin M.P. 56-58°C pellets CE	Embedding medium for preparation of fixed and dehydrated human tissue samples. Paraffin pure.	253211.1211	1000 g
		253211.0914	5 kg 

Microtome cleaner

Product name	Application	Code	Package
Paraffin Cleaner	Paraffin residues removal for proper maintenance of the equipment used in the processing of human tissues.	256876.3408	6 x 100 ml 



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Reagents for Deparaffinization-Hydration

Deparaffinization-Hydration is the process of removing the inclusion medium from paraffin-embedded tissue sections and rehydrating for proper penetration of the dyes.

Xylene and Xylene substitutes

Product name	Application	Code	Package
Xylene, mixture of isomers CE	Clearing on xylene base	251769.2711	1000 ml
		251769.2712	2.5 L
		251769.2714	5 L
Citrosol (Substitute of Xylene) CE	Clearing on limonene base	253139.1611	1000 ml
		253139.1612	2.5 L
		253139.1214	5 L
Isoparaffin H (Substitute of Xylene) CE	Clearing on isoparaffinic base	255069.2711	1000 ml
		255069.2714	5 L



Reagents for Microscopy

Mounting media

Mounting media interposes between the slide and the coverslip to avoid the contact of the preparation with the environmental air to preserve the sample.

Product name	Application	Code	Package
Canada Balsam CE	Natural vegetable resin for mounting	251179.1608	100 ml
		251179.1611	1000 ml
DPX, mounting medium fast (toluene base)	Non-aqueous mounting medium	255254.1608	100 ml
		255254.1610	500 ml
Eukitt®, mounting medium	Adhesive and specimen preservative that can be used manually and in automated cover slipping equipment, fast drying	253681.0008	100 ml
		253681.0009	250 ml
		253681.0010	500 ml
Histofluid®, mounting medium	Histofluid is a transparent acrylic adhesive dissolved in xylene that hardens quickly, it does not fluoresce	255598.0010	500 ml
Mounting Medium for substitutes of xylene	For mounting samples cleared with substitutes of xylene	255811.0008	100 ml

Immersion media

Immersion media are liquids, frequently natural oils, which have a defined refractive index. It is important that the refractive index (nD) is about 1.5, the figure for glass. This enables a homogeneous oil immersion to be achieved.

Product name	Application	Code	Package
Immersion Oil	Immersion oil for microscopy, Refractive Index (20 °C) nD20 1.477 - 1.481	251002.1207	50 ml
		251002.1208	100 ml
Immersion Oil purified	Immersion oil for microscopy, Refractive Index (20 °C) nD20 1.518 - 1.525	254561.1208	100 ml



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