Histowax®

REF
00402-1
00403

INTENDED PURPOSE

Histowax® is a paraffin wax intended for use in impregnation and embedding tissue samples.

USE

Histowax® is a paraffin wax with a melting point of 56-58°C used for impregnation and embedding of tissue samples.

The melted paraffin infiltrates the tissue and solidifies after embedding to form a matrix that prevents distortion of the tissue structure during sectioning.

The tissue is moved directly from the molten paraffin in the infiltration vessel to an embedding station. It is then placed in an embedding mould containing melted paraffin; it solidifies rapidly when cooled and it is ready for sectioning.

SPECIFICATION

Composition

Paraffin	>99 %
Other constituents	<1 %

Properties

Melting point	56-58°C

INSTRUCTIONS FOR USE

Storage and shelf life

Store at room temperature, 18-25°C. Histowax should also be protected from moisture and dust.

Histowax® has a shelf life of 5 years from the date of manufacture.
The shelf life after opening the package is the same as in closed packaging.
The expiry date is printed on the package label.

Warnings/precautions for safe handling

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Not classified as dangerous.
Ensure good ventilation. Liquid wax: Handle with care since the melted wax gets very hot. Wear protective gloves at high temperatures. Wear protective goggles if there is a risk of splashing.

Waste management

Histowax® is not classified as hazardous waste.
Used Histowax® can be disposed of with ordinary waste.
Histowax® contaminated with clearing agent (Xylene or Histolab Clear) must be collected and disposed of according to the regulations for Xylene or Histolab Clear.

Sample material

Histowax® can be used for fixated and dehydrated tissue specimens which are to be subjected to histological examination.

Instructions

Impregnation of tissue samples
The melting temperature of the paraffin in the instrument should be set about 2°C above the specified melting point to make it less viscous. Time in dehydration equipment may vary depending on tissue type and thickness. Large sections and manual impregnation require more time.

Sectioning of paraffin-embedded tissue
Sectioning in a microtome is carried out according to established technique with a section thickness setting of 2-5 µm. Stretching of sections is done in a water bath set at approx: +45°C.

ADDITIONAL INFORMATION

Use equipment and reagents suitable for the purpose.
All serious incidents that have occurred in connection with the product must be reported to the manufacturer.

VERSION HISTORY

Latest changes:
Adjustments due to changes in qualification with reference to MDCG 2024-11 Guidance on qualification of in vitro diagnostic medical devices.

SOURCES

Histotechnology A Self Instructional Text, Freida L. Carson
Theory and Practice of Histological Techniques 3rd Edition, Bancroft/Stevens

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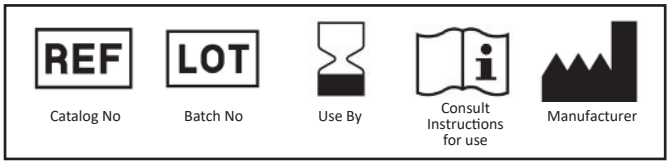

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