

Pertex®

REF	
00801	00811-EX
00801-EX	00840-05
00811	00840-EX

USE

Pertex® is a mounting medium intended for the mounting of histological and cytological tissue samples on slides. Pertex® is intended for use by trained personnel.

Pertex® is a xylene-based and optically clear mounting agent used for mounting histological and cytological tissue samples on slides. Mounting with Pertex® enables examination of the tissue samples and ensures, through the airtight cover, that the tissue sample retains its colour, shape and structure during long-term storage.

Pertex® consists of synthetic resin dissolved in xylene. Pertex® is dripped onto the slide after the clearing step, the cover slip is mounted and the xylene evaporates, hardening and forming a hard, airtight, clear film that bonds the cover slip to the slide and protects the tissue. The refractive index of Pertex® (1.492) is close to that of glass, and the adhesive will therefore not be visible or interfere with examination of the preparations under the microscope.

Pertex® is fast drying, enabling immediate examination of the preparations. It also has low viscosity, which allows it to flow easily over the glass and prevents bubbles.

SPECIFICATION

Composition

Xylene	30-65 %
Ethylbenzene	0-20 %
Toluene	<0,5 %
Resin	Proprietary

Properties

Refractive index	1,492
Viscosity	650 ± 50 cP

INSTRUCTIONS FOR USE

Storage and shelf life

Store in tightly sealed original packaging in a dry and cool place. Store in a well-ventilated place. Protect from heat, sparks and naked flames. Protect from sunlight. Keep away from sources of ignition – smoking prohibited. Store separately from oxidising agents.

The product has a shelf life of 3 years from the date of manufacture in unopened packaging, tubes -shelf life of 5 years. When the packaging is opened, the xylene evaporates, making the solution more viscous over time. The expiry date is printed on the package label.

Warnings/precautions for safe handling

Classification and labelling information in accordance with Regulation (EC) No 1272/2008 (CLP) can be found on the product label and/or safety data sheet.

Wear tight-fitting safety goggles or a face shield. Protective gloves must be worn. If there is a risk of skin contact, appropriate protective clothing should be worn. Use respiratory protection in case of insufficient ventilation.

Ensure good ventilation. Avoid inhaling fumes. Work with point extraction or in a fume cupboard. Avoid contact with skin and eyes. Prevent sparking due to static electricity. Protect from heat, sparks and naked flames. Eliminate all sources of ignition. Fumes can collect at floors and in low-lying areas. Use non-sparking tools and explosion-proof equipment.

Waste management

The product is classified as hazardous waste. Present for destruction according to local regulations. See safety data sheet for more information.

Sample material

Various types of histological and cytological tissue samples.

Preparations

Pertex® is ready to use and does not need to be diluted or modified.

Instructions

1. After clearing in xylene, it is possible to mount immediately.
2. If isopropanol or HistoLab Clear has been used as a clearing agent, allow the glasses to evaporate slightly before mounting.
3. Place the slide with the section horizontal.
4. Drip Pertex® onto the slide. Pertex® flows easily over the glass.
5. Place the cover slip on the slide from one side and carefully fold it over the section to the other side to minimise air bubbles.
6. Leave to dry in a fume cupboard.
7. Allow to dry for about a day before archiving.

The cover slip and the mounting medium can be removed by placing the glass in xylene and leaving it preferably overnight.



ADDITIONAL INFORMATION

Use equipment and reagents.

All serious incidents that have occurred in connection with the product must be reported to the manufacturer.

VERSION HISTORY

Changes since previous version:

Inserted information about intended purpose.

Information about storage.

Information about precautions for safe handling.






Addendum on what to do in case of serious incidents.

Adjustments following changes in qualification, with reference to MDCG 2024-1 Guidance on qualification of in vitro diagnostic medical devices

SOURCES

Histotechnology A Self Instructional Text, Freida L. Carson

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Catalog No.	Batch No.	Use By	Consult Instructions for Use	Manufacturer

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