

Pertex® for automated coverslipping

REF

00871.0500
00871.0500-EX
00871.1000-EX

USE

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

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

Pertex® for automated coverslipping has a lower viscosity than Pertex® and better adapted for cytology and for mounting in automated mounting instruments.

Pertex® for automated coverslipping consists of synthetic resin dissolved in xylene. Pertex® for automated coverslipping 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® for automated coverslipping is fast drying, enabling immediate examination of the preparations. It 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	450 ± 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. 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 histological and cytological tissue samples.

Preparations

Pertex® for automated coverslipping 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® for automated coverslipping onto the slide. Pertex® for automated coverslipping 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.

When used in an automated mounting instrument – follow the operating instructions supplied with the instrument.

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



ADDITIONAL INFORMATION

Use suitable equipment and reagents.

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

VERSION HISTORY

Latest changes:

Properties






Removal of discontinued product

Adjustments following changes in qualification, with reference to MDCG 2024-11 Guidance in qualification of in vitro diagnostic medical devices

SOURCES

Histotechnology A Self Instructional Text, Freida L. Carson

Version / datum: v3-2026-03

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

Histolab Products AB



Södra Långebergsgatan 36
SE-436 32 Askim, Sweden
P: +46 31 709 30 30
mail@histolab.se
www.histolab.se