


#### 4. Warnings

The diagnostic use of the microscope slides and cover glasses and the evaluation of the preparations shall be carried out by a physician or an appropriately qualified personnel under the responsibility of the laboratory physician. The respective international, national, and regional legal situation must be complied with. For the Federal Republic of Germany, these are, for example, the Medical Devices Act, the Distribution Channels Ordinance, the Medical Devices Operator Ordinance, the Biological Substances Ordinance, GLP, GLDP, GMP and the guidelines of the German Medical Association. Accident prevention and hygiene regulations must also be observed.

- Therefore, make sure to use appropriate personal protective equipment when handling potentially infectious sample materials. Compliance with room air quality in accordance with national regulations (e.g., guidelines for hospital hygiene and infection prevention, RKI) must also be ensured to ensure safe diagnostics in the laboratory. 
- Always use appropriate personal protective equipment (e.g., safety goggles) when handling microscope slides and cover slips.
- The operating instructions for the diagnostic equipment used must always be followed. The laboratory shall ensure the traceability of the patient sample, and appropriate labelling and archiving methods must be established.
- Microscope slides or cover glasses must not be used for diagnostic purposes once the expiry date has been reached.
- The adhesion of coated slides may weaken towards the end of the expiry date.

#### 5. Storage instructions

- These products should be stored and opened in their original packaging in a dry (relative humidity not exceeding 60 %) and clean environment, preferably protected from light.
- The glass must adjust to room temperature (15 - 30 °C) for 24 hours before opening.
- Fluctuations in temperature and humidity should be kept to a minimum, both during storage and use.
- Rapid cooling of the product can lead to condensation processes and consequently to moisture between the individual slides or cover slips.
- Protect the glass from ground moisture by not storing the boxes on the ground.
- Always use the oldest product in stock according to the "first in first out" principle.
- Avoid strong vibrations even during internal transport.

#### 6. Warranty

SLEE medical GmbH guarantees that the product delivered has been subjected to a comprehensive quality control procedure, that the product is faultless and complies with all technical specifications and / or agreed characteristics warranted. Mistakes and errors which occur because of improper use cannot be accepted.

Questions? We are there for you!



INSTRUCTIONS  
FOR USE

**slee**  
solutions  
for pathology

**STARFROST®**

MICROSCOPE SLIDES  
COVER GLASSES

DESIGN &  
MANUFACTURING  
MADE IN GERMANY

# Instructions for use

## Microscope slides and cover glasses

For use by professional users

**StarFrost® microscope slides** for in vitro diagnostics are approx. 1 mm thick plates made of soda-lime glass for microscopic examinations of specimens derived from the human body. They are manufactured for single and professional use in accordance with the ISO 8037/1 standard and are intended to be used for the examination of cell suspensions and tissue sections as well as the preparation of slides and their archiving.

The refractive index of  $n_o = 1.53 \pm 0.02$  at  $\lambda_o = 546.07$  nm (green Hg line) describes the optical properties of soda-lime glass that are relevant for microscopy.

**StarFrost® cover glasses** for in-vitro diagnostics are approx. 0.16 mm thick plates made of borosilicate glass for microscopic examinations of samples derived from the human body. They are manufactured for single and professional use in accordance with the ISO 8255/1 standard and are intended to be used for covering specimens for archiving. The refractive index of  $n_o = 1.5255 \pm 0.0015$  and the Abbe number  $v_o = 56 \pm 2$  at  $\lambda_o = 546.07$  nm (green Hg line) describe the optical properties that are relevant for microscopy.

### 1. Indication

Microscope slides and cover slips may be used, for example, for routine diagnostics of cell suspensions and tissue sections. Since the possible applications are very diverse, handling the glassware requires trained specialist users in accordance with the national legal situation.

### 2. Contraindication

Microscope slides and cover slips are for single use only. Reuse and / or improper surface treatment may lead to falsified results, destruction of the preparations / specimens and misdiagnosis.

### 3. General handling instructions

#### 3.1 Recommendation

We recommend using slides with ground edges to reduce the risk of injury from sharp glass edges. It is recommended to apply coated products as soon as possible, as humidity and UV radiation can affect the functionality of the coating.

#### 3.2 Preparation

Microscope slides and cover slips are normally ready for use and can be used without further preparation after gradual adjustment to room temperature. If the diagnostic procedures you are using require preparation of the microscope slides and cover glasses, they must be prepared according to the instructions for use of the respective system or reagent suppliers or according to your own validated procedure. Labelling fields on the slides are intended to provide clear identification of the preparations and should be written on with suitable, if necessary, solvent-resistant pens or diamond pens. Further labelling options can be implemented using a suitable printer system. This requires an in-house validation to be carried out in advance.

#### 3.3 Application

Microscope slides and cover glasses are only to be used by appropriately trained personnel. Since the glassware must not be used by non-specialists or for self-administration, we have refrained from describing the wide range of possible applications and would like to refer you to the relevant technical and training literature. In-house validation must be performed for coated slides to verify that the coating is suitable for the application.

#### 3.4 Archiving

If necessary, the preparations are archived in accordance with the instructions for use of the respective reagent suppliers. Special attention must be paid to the specified environmental storage conditions, and the respective national legislation must also be considered with regard to the archiving period. Please observe the storage instructions when archiving.

#### 3.5 Disposal

Used slides must be disposed of as infectious waste. The reagents used may also contain substances that must be disposed of as hazardous waste. In this case, the respective regional legislation must be considered.

## Did you know?

**Our Slee service team is there for you!**

If your samples don't turn out the way you expected don't hesitate to contact us. We will be glad to help you. Fill out the contact form on our homepage:

[www.slee.de/en/service/product-service/](http://www.slee.de/en/service/product-service/)

We will get back to you asap and work it out together!



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