

Microscope slides Polysine™

IVD In vitro diagnostic – medical device



CND code: W0503900201

Notizie generali

Adhesion microscope slides, dimension 25 mm x 75 mm and thickness 1 mm (ISO Norm 8037/I), with ground 90° edges.

The superficial coating improves the tissue's adhesion on slide.

Code	Packaging
09-OPOL	72 pcs.



Distributor: **Bio-Optica Milano S.p.A.**

Chemical and technical features

Material: extra white glass
 Refractive index: 1.513 – 1.523 (measured between $\lambda = 546.07$ nm and $\lambda = 643.85$ nm)
 Density: (2.47 ± 0.01) kg/dm³

The microscope slides Menzel are clean and defatted, transparent and without any kind of selective adsorption. The production is completely automated to eliminate dirty, dust, flaws and breakings; in this way the production guarantees slides regular in dimension and surface.

The raw material's high quality guarantees long life and stability during the time.

The microscope slides Menzel are resistant to enzymatic procedures and microwaves (suggested power: 750 - 800 watt).

Chemical composition

- SiO₂ (Silicon Dioxide): 72.20%;
 - Na₂O (Sodium Oxide): 14.30%;
 - K₂O (Potassium Oxide): 1.20%;
 - CaO (Calcium Oxide): 6.40%;
 - MgO (Magnesium Oxide): 4.30%;
 - Al₂O₃ (Aluminum Oxide): 1.20%;
 - Fe₂O₃ (Ferric Oxide): 0.03%;
 - SO₃ (Sulfur Trioxide): 0.30%.
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Caratteristiche funzionali

Polysine™ glass slides offer state-of-the-art adhesion. These glass slides are made from revolutionary technology with built-in properties that electrostatically and chemically attract fresh frozen tissue sections, formalin fixed paraffin embedded tissue sections, cytocentrifuge preparations and cytology smears, alcohol fixed paraffin embedded tissues and Bouin's or non-cross linking fixed paraffin embedded tissue sections.

Polysine™ slides are not affected by enzyme predigestion or heating, making them ideal for immunocytochemical and molecular hybridization assays on cell preparations or paraffin embedded tissue sections.

Added advantages of Polysine™ glass slides:

- Resist cell loss during extended staining procedures
 - End tissue loss in prolonged in-situ DNA hybridization techniques and in immunocytochemistry methods
 - Offer slide adhesion that is superior to glue, protein or silane treated slides.
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Storage and handling

- Keep dry.
 - Avoid large variations in temperature during both storage and usage. Cooling of the product can cause condensation and lead to condensed water forming between the glasses.
 - Please note: use older products in storage first.
 - Protect the bottom of the carton from dampness.
 - Slides shelf life: 12 month. See the expiry date on microscope slide packages.
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