

Trajan microscope slides

Series 2 and Series 3 Adhesive

Intended use

Trajan Series 2 and Series 3 Adhesive microscope slides are for professional use only. They are recommended for In Vitro Diagnostic (IVD) applications, in particular for mounting Formalin Fixed Paraffin Embedded (FFPE) tissue sections to be used in immunohistochemistry (IHC) staining techniques.

*For other applications, please validate before use.
For use with ESPO Path slide printer.*

Instructions for FFPE tissue sections

1. Cut the paraffin embedded tissue blocks at a thickness of 3-5 μm on the microtome. Paraffin will make the sections stick together to form a ribbon.
2. Separate the ribbon from the blade edge at the microtome with a pair of forceps or tweezers and place across the surface of a warm water bath.
3. Individual specimen sections can be detached whilst floating on the water with gentle pressure from the tips of forceps or tweezers.
4. Confirm that the specimen section has no wrinkles or extension.
5. Collect the section by holding most of the slide underneath the water surface at a tilted angle.
6. Move the slide carefully against the outer edge of the section and lift from the water bath.
7. As the slide is lifted, the water will drain from underneath the section. This will ensure complete contact between the specimen section and the slide surface.
8. For Series 2 Enhanced Adhesive slides, the specimen must be positioned carefully as bonding will occur immediately. Ensure water is drained from underneath the section.
9. Air dry the slides in a vertical position for a minimum of 10 minutes to ensure the section is firmly attached.
10. Allow the mounted slides to drain thoroughly to ensure no droplets of water remain under the tissue sections.
11. Dry the slides in an oven at 40°C overnight or at 55-60°C for 1 hour depending on the staining protocol to be used.

Storage and handling

- Store the slides in original packaging, in a dry environment, preferably protected from sources of heat and light.
- Store at room temperature – recommended storage temperature between 2°C and 30°C.
- Avoid large variations in temperature conditions during storage as excessive cooling can lead to condensation on the slides.
- Where large temperature variations may occur during storage, stabilize slides at room temperature before opening the packaging.
- Oldest slides should be used first.
- Do not use after expiry date.
- Packaging provides protection against environmental factors, however if the product is stored under conditions other than those specified, they must be verified by the user.
- Please contact your regional Trajan representative if suboptimal performance is noticed.

Important

⚠ Expiry date

The expiry date for Trajan Series 2 and Series 3 Adhesive microscope slides is the last day of the indicated month, which is printed on the base of the slide pack, when stored at temperatures between 2-30°C and humidity below 75%.

⚠ Caution

- Single use – do not reuse.
- Beware of sharp glass edges.
- Trained personnel and professional use. Do not handle slides with bare hands, or touch the glass surface, hold by the edges.
- The above procedure is recommended for mounting tissue sections on Series 2 and Series 3 Adhesive microscope slides.
- Tissue loss can be prevented by complete drying overnight at 40°C, or at least 30 minutes at 60°C, as determined by user.
- Further optimization of skin, bone, nail, heart valves and blood vessel may be required with Series 3 Adhesive microscope slides.

Information and support

Visit www.trajanscimed.com or
contact techsupport@trajanscimed.com

Specifications are subject to change without notice.



	Trajan Scientific Australia Pty Ltd 7 Argent Place, Ringwood, VIC 3134, AU Tel: +61 (0) 3 9874 8577
EC REP	Axel Semrau GmbH Stefansbecke 42, 45549 Sprockhövel, Germany
US AGENT	Trajan Scientific Americas Inc 1421 W Wells Branch Parkway, Suite 108, Austin TX 78660, USA Tel: +1 512 837 7190