CE IVD

Application

This professional product is a coated glass slide for hematoxylin and eosin (H&E) staining and immunohistochemical staining of formalin-fixed and paraffin-embedded tissue sections. For other applications, validate the product for conformance against the respective testing and staining methods to be employed.

Product

This product is made in Japan.
The product is cleaned, but not sterilized.
The frosted dimension of the product is 20 mm.
The product has five frosted colors: white, yellow, pink, blue, and green, with respective product numbers TOM 11 to 15, 1190.

Handling Instructions for Formalin-Fixed and Paraffin-Embedded Tissue Sections

- Do not handle glass slides with bare hands. Do not touch the glass surface; hold the edges.
- After sectioning, refer to either of the following two methods for adhering tissue sections. For any other adhering method, validate for conformance.
- Tap water may be substituted in flotation bath; but validate first (consider distilled water, ion-exchanged water, or Milli-Q water).
- Dry sufficiently and thoroughly after adhering the tissue (40° overnight, or 60°C for 30 min or longer) to prevent delamination.
- Use specimens promptly after drying is completed.

Method (1) Warm-water Bath Section Adherence

1. Cut a tissue section to 2-5 µm, and float in a warm-water bath (40°C to 45°C. For hard paraffin, consider 50°C to 52°C the correct temperature).
2. Confirm that wrinkles have smoothed for the tissue section floated in the warm bath and prepare to place the tissue section on the prescribed position of the glass slide.
   Hold the slide at an angle, contact the tissue section's end in the warm bath with the dipped end of the slide, and skim the tissue section onto the slide. Stop momentarily after the end or center of

the tissue section has landed on the slide. Wait for the water between the tissue and slide's surface to wick off, and then skim the tissue section completely onto the slide to adhere.
3. Set the slide with adhered tissue section at an angle and dry the surface of the slide well. The tissue section on the slide should adhere without any wrinkling.
4. Fully dry with an incubator or dryer (40° overnight, or 60°C for 30 min or longer).

Method (2) Water-Flotation Slice Adherence Using a Hot Plate

1. Cut a tissue section to 2-5 μm, and float in water at room temperature (15°C to 30°C).
2. Prepare to place the tissue section floated in water on the prescribed position of the glass slide. Hold the slide at an angle, make contact between the end of the tissue section on the surface of the water with the dipped end of the slide, and skim the tissue section onto the slide. Stop momentarily after the end or center of the tissue section has landed on the slide. Wait for the water between the tissue and surface of the slide to wick off, and then skim the tissue section completely onto the slide to enable adherence.
3. Warm in advance a hot plate to 40°C to 48°C.
   Place slide on the hot plate horizontally and hold until the wrinkles of the tissue section are confirmed to have fully smoothed. Once the tissue section is fixed and dried on the surface of the glass slide, set the glass at an angle and wait for the water on the surface of the slide to wick off. Set the slide with adhered tissue section at an angle and dry the surface of the slide well. The tissue section on the slide should adhere without any wrinkling.
4. Fully dry with an incubator or dryer (40°C overnight, or 60°C for 30 min or longer).

Storage and Handling

- Avoid high temperature and humidity and store at room temperature.
- Use slides in sequence from older to newer Lot Numbers.
- In any situation different from the prescribed storage conditions, verify conditions at usage.
- Unseal the product packaging at laboratory room temperature.
- Ensure there are no clearly apparent signs of product instability.
- Whenever unexpected results are obtained or whenever a problem cannot be explained by laboratory procedure or reagent, contact Technical Support at Matsunami Glass Ind., Ltd or Cancer Diagnostics, Inc. USA. The product must be disposed of under medical waste handling procedures.

Shelf Life The usage limit of the product under storage at room temperatures of 5° to 30° at 75% RH or below is one and half (1.5) years from the date of manufacture. The date of manufacture is marked to the left of the entered product Lot No. as 5 digits, representing the sequence of year, month, and day.

Prepared by Matsunami Glass IND., LTD in conjunction with Cancer Diagnostics, Inc. USA

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TOMO® IHC Adhesive Glass Slides

- Intended Use -

Matsunami TOMO® IHC Adhesive Glass Microscope Slides are recommended for use on Ventana® Benchmark staining platform and automated IHC platforms.

- General Information -

Matsunami TOMO® hydrophilic adhesion slides offer superior tissue adhesion, staining performance and slide surface fluidics. Proprietary slide coating ensures consistent performance even after exposure to heat stress and humid environmental conditions. Optimized for use with thermal printers. Matsunami microscope slides are manufactured in Japan using optically clear, exceptionally flat, low fluorescence glass and finished with 90° and clipped corners. ISO 13485 Certified. IVD CE marked.

- Specifications -

Case Quantity	1000	*Slides*
Case Width	6.625	*Inches*
Case Length	9.75	*Inches*
Case Height	4.125	*Inches*
Case Weight	11.55	*Lbs*
Slide Width	25	*Milimeters*
Slide Height	75	*Milimeters*
Slide Thickness	1.0	*Milimeters*
Paint Height	20.14	*Milimeters* *(±0.15mm)*
Wettability	Hydrophilic Surface	
Corner Options	45° or 90°	
Color Options	Blue, Green, Pink, White, Yellow	
Origin Country	Japan	

- Packaging –

Slides are packaged 100 per box, 10 boxes per case (1000 slides)

Catalog#	Color	Corner
TOM-1190	White	90°
TOM-11	White	45°
TOM-12	Yellow	45°
TOM-13	Pink	45°
TOM-14	Blue	45°
TOM-15	Green	45°

Revision Date: 2019-03-13

Cancer Diagnostics, Inc. is an ISO 13485 and FDA cGMP Certified Company

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