

# TintoDetector Cap Gap Plus Slides



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## Summary and Explanation

The TintoDetector Cap Gap Plus Slides are novel positively charged hydrophilic slides that prevent tissue detachment after thermal permeabilization and can be used to mount and process IHC, ICC, FISH and CISH samples for use in the TintoDetector Cap Gap System (BSB 7000). TintoDetector Cap Gap Plus Slide features a 75  $\mu\text{m}$  raised triangle on the bottom corners of the slide that creates a 150  $\mu\text{m}$  gap when placed face-to-face in the TintoDetector Cap Gap Slide Holder (BSB 7003).

The TintoDetector Cap Gap Plus Slides are prepared by covalent coupling of positively charged groups directly to the slide surface. The TintoDetector Cap Gap Plus Slides carry approximately three times the number of surface-bound positive charges compared to other commercially available positively charged slides. This results in significantly improved tissue-adhesion characteristics, facilitates uniform/reproducible staining, reduces staining artifacts/background and allows better capillary flow of aqueous reagents and solutions.

## Presentation

The TintoDetector Cap Gap Plus Slides are supplied in boxes of 72 slides.

<i>Catalog No.</i>	<i>Number per Box</i>
BSB 7006	72

## Size

25mm x 75mm x 1mm

## Precautions

For professional users. Avoid any contamination. Proper handling procedures should be used.

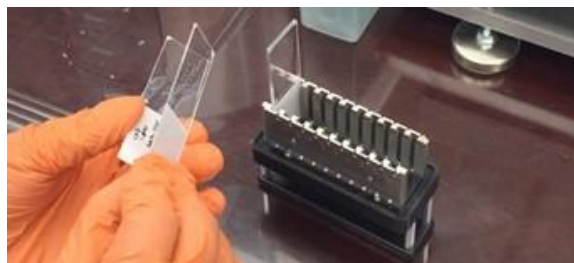
## Protocol

1. Cut and mount formalin-fixed paraffin-embedded tissues, frozen tissues or cells on TintoDetector Cap Gap Plus Slides on lower third of the slide.
2. Air dry for 2 hours at 58–60 °C or overnight at 37 °C.
3. Use mounted slides immediately or store at room temperature, protected from dust.

## TintoDetector Cap Gap Slides Loading, Reagent Application and Washing

### Step 1 – Load Slides

Load slides in TintoDetector Holder, face to face and properly ordered.



### Step 2 – Apply Reagents to Reagent Holder

Apply reagent to TintoDetector 30-well Reagent Holder. Each reagent well can hold about 200  $\mu\text{l}$  of reagent.



**Step 3 – Draw Reagents into Slides**

Place TintoDetector slide holder over 30-well reagent holder, ensuring that reagents line up with slides. Press slide holder gently against reagent holder. Capillary gap action will draw reagent. Transfer TintoDetector Slide Holder to Incubator.



**Step 4 – Incubate**

Incubate Slide Holder using the TintoDetector Incubator.



**Step 5 – Rinse**







After the reagent incubation, eliminate the used reagent into an absorbent pad by gently pressing the slides on the absorbent pad to drain the liquid. Draw washing buffer into the capillary space and repeat the washing process 3 to 5 times. After washing proceed to draw the next step reagent before another incubation.



**View the TintoDetector Training Video Here:**

<http://www.biosb.com/technical-resources/videos/>

**Symbol Key / Légende des symboles/Erläuterung der Symbole**

<b>IVD</b>	In Vitro Diagnostic Medical Device Dispositif médical de diagnostic in vitro In-Vitro-Diagnostikum	 Storage Temperature Limites de température Zulässiger Temperaturbereich	 Manufacturer Fabricant Hersteller	 Catalog Number Référence du catalogue Bestellnummer
		 Read Instructions for Use Consulter les instructions d'utilisation Gebrauchsanweisung beachten	 Expiration Date Utiliser jusque Verwendbar bis	 Lot Number Code du lot Chargenbezeichnung