



# Agilent Ozone-Barrier Slide Cover

## User Guide

### **Agilent Product Number for Ordering: G2505-60550**

With proper use, the ozone-barrier slide cover protects arrays from ozone-induced dye degradation that is known to impact cyanine-5 and dyes of matching wavelengths. The slide cover is warranted for a single use, but treated with care, the slide covers can be used repeatedly. If the cover become scratched, deformed, or contaminated with fluorescent material, discard it.

The parts are specifically designed for use with the Agilent G2565BA and G2565CA scanners and are not for use with either the G2565AA or any non-Agilent scanner.

#### **CAUTION**

Fingerprints cause errors in the fluorescence detection. For accurate readings, touch only the edges of the slide or the slide cover, and always use gloves when handling slides.

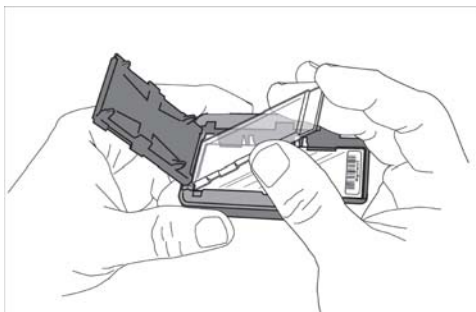
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Please see “Insert slides into slide holders” in the Agilent scanner user guide for more details on how to use the Agilent slide holder.



## To open the slide holder

- 1 Hold the slide holder on the sides with the Agilent logo facing up.
- 2 Place one thumb on the center of the slide holder cover.
- 3 Gently press down on the cover and push toward the top of the slide holder until the cover releases.



## To place the slide and ozone-barrier cover in the slide holder

- 1 Place the slide into the slide holder with the end of the slide supported fully on the rear ledge. The active microarray surface must face upwards.
- 2 Align the slide with the slide holder following these two rules:
  - The end without the barcode label is placed on the rear ledge.
  - The slide surface on which the microarray is deposited is facing the cover.

The microarray is scanned through the glass. Make sure these rules are always followed when you align a slide. Agilent slides have two barcodes, one on each side of the glass. Place the active microarray side of the slide facing toward the slide holder cover.

If the spotted array is on the opposite side of the slide as the barcode, the scanner cannot read the barcode.

- 3 Let go of other end of slide and allow it to drop into the slide holder. The slide is allowed to be slightly tilted against the tabs on the side of the slide holder.
- 4 Place the ozone-barrier slide cover on top of the array as shown in the figure above, and let the cover rest on the surface of the array with the pocket of the cover facing the array.

### **To closing the slide holder**

- 1 To close the slide holder cover, gently press down on the cover with your thumb.
- 2 To lock the cover in place, gently pull the cover back with your thumb until it locks.

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First Edition, February 2009



G2505-90550