



# Baylor College of Medicine Microarray Core Facility

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## Slide Washes

### **PreHybridization Wash**

1. Score corners of slide (microarray) with a diamond etching pen.
2. Place slide in 50 ml Falcon™ tube with 0.2% SDS and place on shaker for 5 minutes.
3. Repeat step 2 and replace with fresh SDS
4. Transfer slide to another Falcon™ tube with sterile water at 25°C and place on shaker for 5 minutes.
5. Repeat step 4 and replace with fresh water
6. Place slide in Falcon™ tube with water at 95°C and place on shaker for 2 minutes.
7. Dry slide with prepurified nitrogen gas.
8. Make sure that 60°C water bath or heating chamber is on and warming up.

### **PostHybridization Wash**

1. Wash slide in wash #1 (2X SSC, 0.5% SDS) for five minutes at 55 C, allowing the cover slip to slide off in solution by gently plunging slide rack up and down.
2. Wash slide in wash #2 (0.5X SSC, 0.5% SDS) for 5 minutes at 55C and gently plunge up and down.
3. Wash slide in wash #3 (0.1X SSC) for 30 seconds at room temperature.
4. Spin dry slides in plate centrifuge for 2 minutes at 1000 rpm (Place slides in dark boxes with a Kimwipe® at the bottom of box.)
5. Image slide immediately