



SOLUZIONI PER LA RICERCA E
LA DIAGNOSTICA AVANZATA



SwiftFISH Rapid Hybridization Buffer - Protocol

Hybridization setup:

1. Take buffer from fridge and **pre-warm to 37°C.**
2. **Mix buffer by tapping/vortexing.**
3. Place slides on a warm plate (45°C) for 20min
4. Dehydrate the slides in ethanol series 70%, 85% and 100%, 1min each. And let dry.
5. Add 10µl probe mixture to slide (2ul probe + 8ul buffer) (**Use a pipette tip with the end cut**)
6. Apply clean 22 x 22 coverslip to slide. Seal edges with rubber cement
7. Co-denature chromosomes/probe on a hotplate at 72°C/2min (83°C/5min for FFPE)
8. Place slide in a sealed humidified slide chamber
9. **Incubate at 43°C/1hr -2h**

Post-hybridization washes:

1. Pre-warm for 1h WS1 (0.4xSSC/0.3% NP-40) to 73°C
2. Carefully remove the rubber cement around the coverslip.
3. Keep the slide in WS2 (2xSSC/0.1% NP-40) at room temp.
4. Agitate gentle until the coverslip slips off.
5. Continue agitating slide for additional 2-3 min
6. Place slide in WS1 and let stand for exactly 2min
7. Transfer to WS2 (2xSSC/0.1% NP-40) at room temp/1min
8. Let dry in dark.
9. Apply 10µl DAPI and 22 x 22 coverslip
10. Wait 15-30 minutes then visualize under microscope using appropriate filter sets

SwiftFISH

We are pleased to announce the release of **SwiftFISH**, a rapid hybridization buffer, when time is of the essence.

Benefits of Rapid Hybridization over Traditional Buffers

- Equivalent probe intensity
- Decrease FISH reporting times by 88%
- Decreases hybridization time from 16 hours to as little as 1 hour

Applications

SwiftFISH works on the following sample types:

- Peripheral blood (PB)
- Bone marrow (BM)
- Formalin-fixed, paraffin-embedded (FFPE)

SwiftFISH works on all FISH probes types:

- Controls
- Gene specific
- Custom FISH probes

Need More **SwiftFISH**?

Receive **25% off** of your next order of **SwiftFISH**

Use Coupon Code: SwiftFISH25 at check-out*

*Terms and Conditions: Discount only applies to the product listed in this promotion. This promotion is available only to life science professionals 21 years or older, and expires on June 30, 2016, or while supplies last. Offer void where prohibited, licensed, or restricted by federal, state, provincial, or local laws or regulation or agency/institutional policy. Cannot be applied to existing orders. Cannot be combined with other discounts or promotions. Other restrictions may apply. Terms and conditions are subject to change without notice.

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