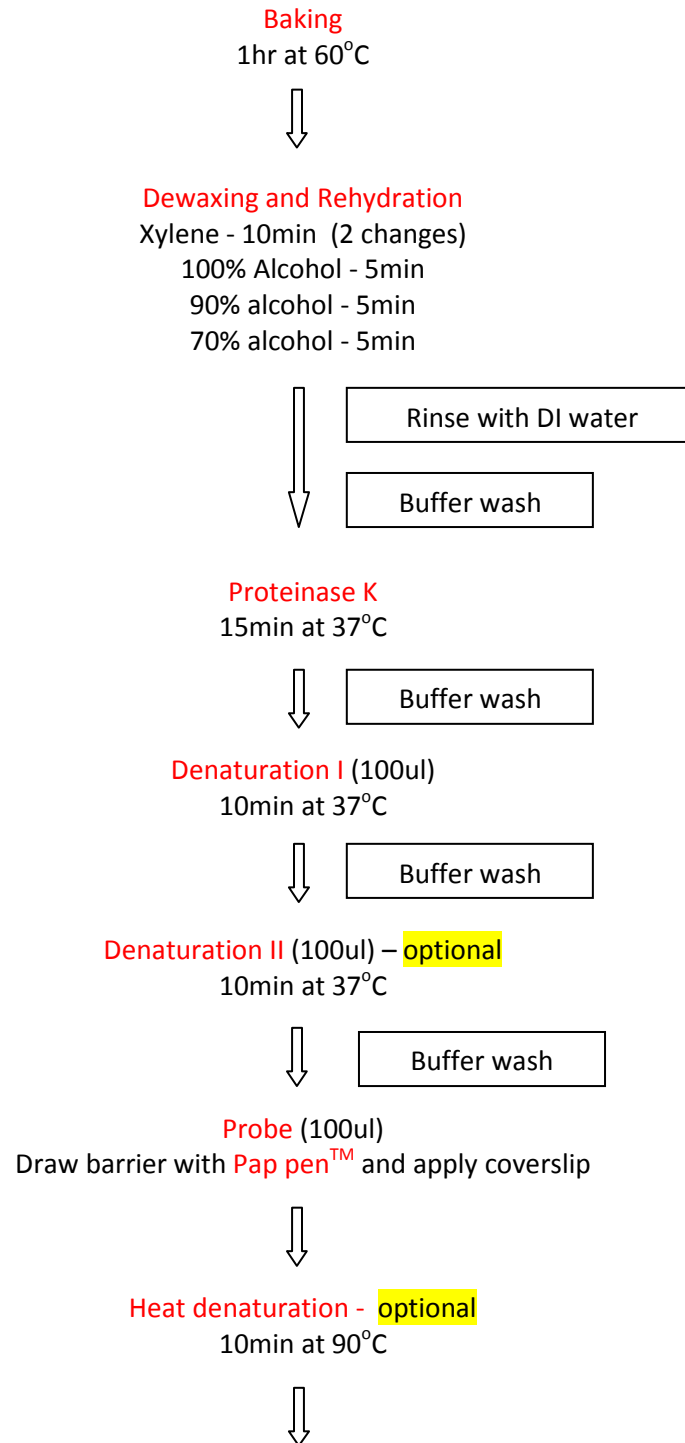


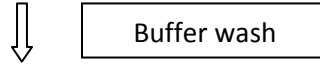
In Situ hybridization (ISH) Protocol

For probes that require Proteinase K digestion (mRNA probes)



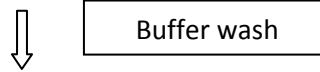
Probe incubation

(time and temperature varies with probe used)



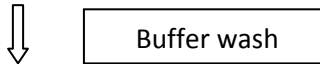
Wash A (100ul)

10min (temp varies with probe)



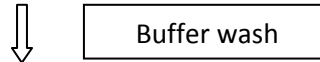
Wash B (100ul)

10min (temp varies with probe)



Peroxide Block II (100ul)

10min at room temp



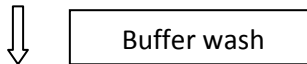
Power Block™ (100ul)

10min at room temp



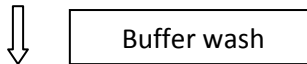
Anti-forescein/Anti-Digoxigenin

20 min at room temp



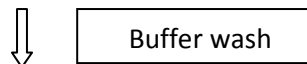
Super Enhancer™ (100ul)

20min at room temp



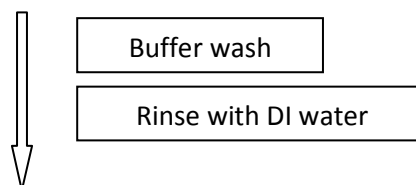
Polymer HRP (100ul)

30min at room temp

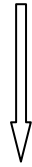


DAB (To be freshly prepared)

1 drop of liquid DAB chromogen in 1ml of Stable DAB buffer
Add 100ul to the tissue and incubate for 2-3 min at room temp



Hematoxylin counter stain (100ul)
3 min at room temp



Buffer wash

Rinse with DI water

Clearing and Mounting

70% alcohol - 5min
90% alcohol - 5min
100% Alcohol - 5min
Xylene I - 10min
Xylene II - 10min