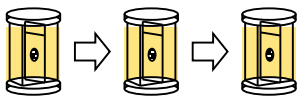


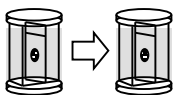
Paraffin embedded tissue

1. Deparaffinized



Hemo-De or Hemo-Clear
5min × 3
Room temperature

2. Dehydrate

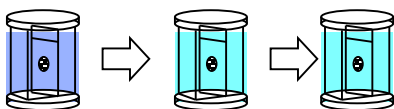


100%EtOH 5min × 2
Room temperature

3. Air dry



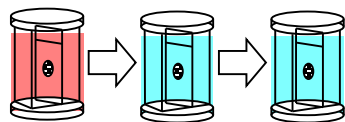
4. Pre-treat



Paraffin
Pretreatment
Solution
95°C 30min
(important)

Wash buffer
(2 × SSC)
5min × 2

5. Protease treat



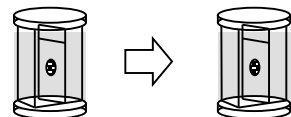
Protease
Solution
37°C 10~20min

Wash buffer
(2 × SSC)
5min × 2

☆Protease Solution
Add 500 μl protease in 50ml protease
buffer
☆Protease preservation
One month : 4°C
Over one month : -20°C

6. Dehydrate

(Room temperature)



70% EtOH 1min

100% EtOH 1min

7. Air dry

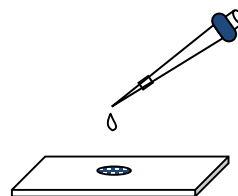


FISH protocol

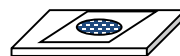
1. Mark hybridizing area



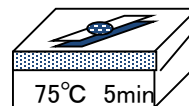
2. Apply 10 μl FISH probe



3. Cover with cover glass Seal with rubber cement



4. Denaturant



Hybridization

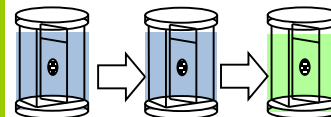
1. Incubation



Humidified box
37°C 4~72hr

Wash procedure

Remove rubber cement
Slide into 2X SSC and remove
cover glass



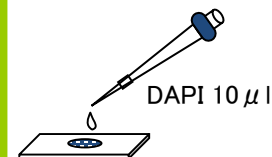
2X SSC Room temp. 5min

2X SSC /0.3% NP-40 73~75°C 1-2min

2X SSC Room temp. 1min

Counter stain

1. Apply 10 μl DAPI Solution to target area



☆DAPI
Paraffin embedded tissue
1500ng/ml

2. Cover with cover glass Seal* the cover glass (*Use nail polish to seal)



Examine

