Oncology and Cytogenetic Products

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The DoMo Genetics Line

Improve the efficiency of ISH test:

reduce the costs and save time

Smart-ISH Solve

Contains:

1 Vial 100ul (20 test)

REF: 200175

Protocol (FFPE tissues:)

FOR THE MAXIMUM PERFORMANCE CHANGE YOUR REAGENT BEFORE THE PROTOCOL START

Day 1)

Place the slides in a dry oven at 65 ° C for 30 minutes
Place in a dry oven at 65 ° C a coplin jar with 50ml of Xylene
Pre reheated a coplin jar with 50ml of Citrate Buffer pH8 at 98°C in the water bath
Pre reheated a coplin jar with 50ml of HCL 0.01N at 37°C in the water bath
Pre reheated a coplin jar with 100ml of SSC2X/NP40 1.5% a 75°C in the water bath
On the hybridization plate set the fixed temperature at 75 ° C
Incubate the slides on the plate at 75 ° C for 5 minutes,
Immerse the slides in Xylene in oven at 65 ° C for 30 minutes
Proceed with 3 sequential washings of the slides with 50ml of xylene in a coplin at RT for 3 minutes / cad.
Dry the slides at RT for 5 minutes
Dehydrate the slides in 2 sequential steps in coplin with 50 ml of 100% ethanol for 5 minutes / Cad.
Dry the slides at RT for 5 minutes
Incubate the slides in Coplin with the citrate buffer at 98°C for 25 minutes in relation to the characteristics of the sample
Leave to cool the slides in the same coplin at RT for 10 minutes
Dissolve 0.250 g of Pepsin in the coplin with HCL at 37 ° C
Then wash the slides in a quick dip into a Coplin with 50 ml of SSC2X
Incubate the slides in the Coplin at 37 ° C for about 30 minutes in relation to the characteristics of the sample
Then wash the slides in a quick dip into a Coplin with 50 ml of SSC2X
Dehydrate the slides in 3 sequential steps in a coplin with 50 ml of Ethanol 70% -85% -100% for 1 minute / Cad.
Dry the slides at RT for 5 minutes
On each slide affix 3 ul of probe and 5ul of ***Smart-ISH BUFFER***
Cover the area with a cover slip and seal with rubber cement
Set on the hybridization plate a protocol which provides: Denaturation, temperature and time according to the prob specifications ; Hybridization, temperature according to the probe specifications,

time: o/n

Day 2)

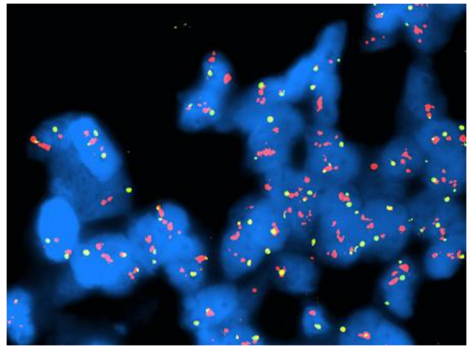
Remove the coverslip and quickly wash slides in a Coplin with 50 ml of SSC2X at RT
Dip the slides in the coplin with SSC2X / 1.5% NP40 at 75 ° C for 3 minutes
quickly wash slides in a coplin with 50 ml of SSC2X at RT
Dehydrate the slides in 3 sequential steps in a coplin with 50 ml of Ethanol 70% -85% -100% for 1 minute / Cad.
Dry the slides at RT for 5 minutes
Affix 5-10 ul of DAPI on each slide, cover with coverslip
Ready for the observation under the microscope

Note

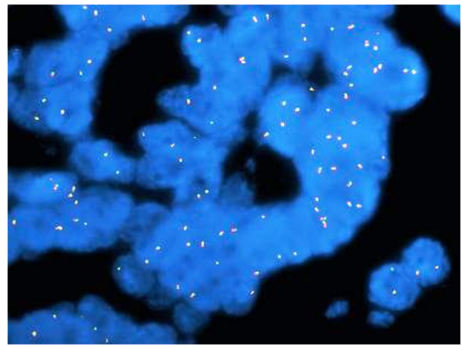
The SmartISH Solve Buffer should be brought to room temperature before use and resuspended to allow optimal mixing of the components.

Solutions should be stored between + 4 ° C and -20 ° C for better durability.

The transport of the solutions can take place at RT and / or + 4 ° C.

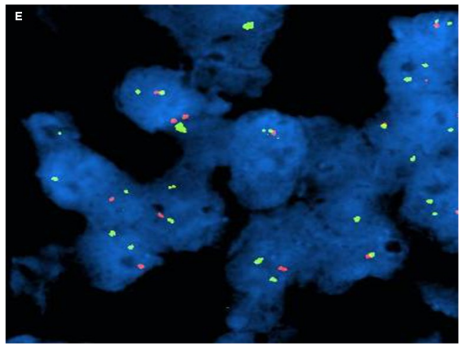


Her2 gene amplification



negative for ALK

rearrangement



Chromosome deletion