Oncology and Cytogenetic Products

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The DoMo Genetics Line

Improve the efficiency of ISH test:

reduce the costs and save time

REF: 031114-MO

Rapid-ISH

Integra plus

1 Vial 100ul (20 test)

FOR THE MAXIMUM PERFORMANCE CHANGE YOUR REAGENT BEFORE THE PROTOCOL START

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 100ml of SSC2X in the water bath at 77 ° C

Pre reheated a coplin jar with 100ml of SSC2X in the water bath at 47 ° C

Pre heat in the water bath a coplin jar with 100ml of SSC2X / 1.5% NP40 at 75 ° C

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 2X SSC at 77 ° C for a time to be determined between 12 and 18 minutes in relation to the characteristics of the sample

Dissolve 630ul of Proteinase K in the coplin with SSC at 47 ° C

Incubate the slides in the coplin at 47 ° C for a time to be determined between 12 and 18 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 ***Rapid-ISH Integra Plus 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 : 40 minutes***

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

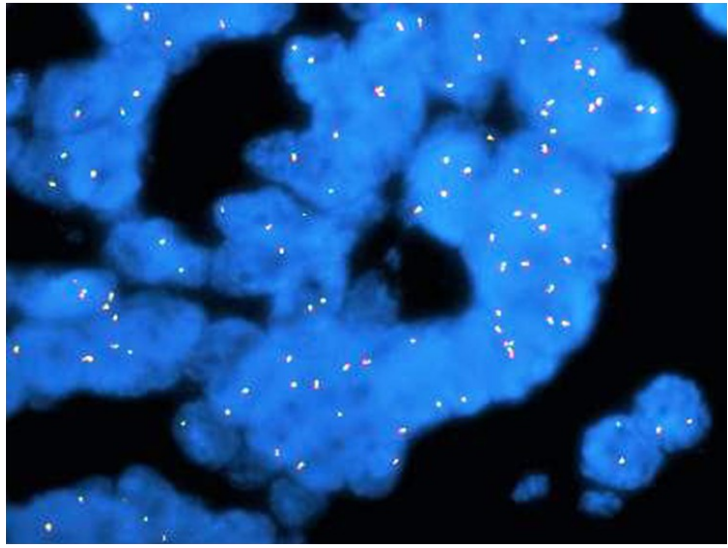
Ready for the observation under the microscope

Note

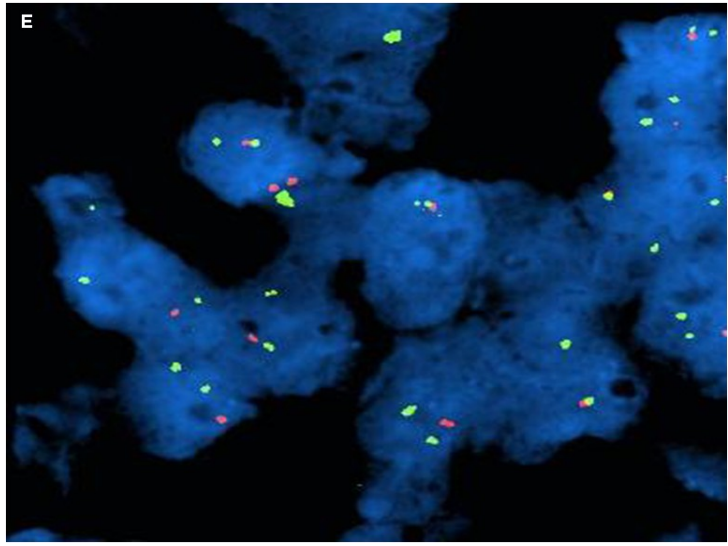
The **RapidISH Integra** buffers should be brought to a temperature of 37 ° C before use and resuspended to allow optimal mixing of the components.

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.



Rapid-ISH Integra plus negative for ALK rearrangement



Rapid-ISH Integra plus, Chromosome deletion