

TITAN FISH PROBES DENATURATION/HYBRIDIZATION GUIDELINES

FOR ALMOST ALL THE TITAN FISH PROBES; **ALWAYS CHECK PROBES DATASHEET.**

FAST FISH Hybridization steps

- Before probe use, apply a vortex shock: 5sec.
- On each slide affix 3 ul of probe and 5ul of **Rapid-ISH Integra Buffer** (The type of buffer is to be determined in relation to the type of sample to be analyzed; see enclosed data sheets)
- 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 specifications of the probe; Hybridization, temperature according to the specifications of the probe, **time 40 minutes.**

Commonly the suggested parameters are:

A. Tissue - Slides FISH hybridization

- a) 85°C denaturation for 5min.
- b) 42°C hybridization for 40 min.

B. Cells - FISH hybridization

- a) 88°C denaturation for 2min.
- b) 45°C hybridization for 40 min.

TITAN FISH Hybridization steps

- 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 specifications of the probe; Hybridization, temperature according to the specifications of the probe, **time: 2 hours to O/N.**

Commonly the suggested parameters are:

A. Tissue - Slides FISH hybridization

- a) 85°C denaturation for 5min.
- b) 42°C hybridization for 2Hrs – O/N.

B. Cells - FISH hybridization

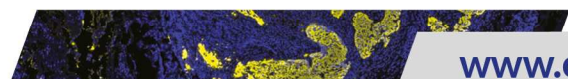
- a) 88°C denaturation for 2min.
- b) 45°C hybridization for 2Hrs – O/N.

Microscope evaluation:

Target area analysis under fluorescence microscope (filter parameters:

Green (495/518), Orange (553/565), DAPI (367/452).

FAST LABORATORY DIAGNOSTICS



www.oacp.it