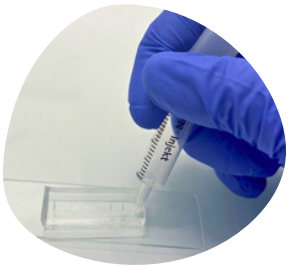
FLUO-ST1™ & FLUO-ST3™ PROTOCOL

Treatment of a microfluidic chip with Fluo-ST1™ or Fluo-ST3™

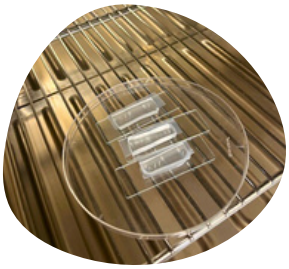
1 Clean the chip to be treated by injecting isopropanol into the channels using a syringe connected to a tubing. Place a filter at the outlet of the syringe to prevent dust from being injected into the channels.



2 Then flush the channels with an inert gas (e.g. argon, nitrogen) to dry them.

3 Collect the surface treatment by inserting a syringe with a needle through the septum.

4 Inject the surface treatment into the channels using a syringe connected to a tubing. Place a filter at the outlet of the syringe to prevent dust from being injected into the channels.
Wait for 30s then flush the channels with an inert gas.



5 For Fluo-ST3™ treatment, rinse the chip with a fluorinated oil to remove any traces of silanes, then flush the channels with an inert gas.
For Fluo-ST1™ treatment, place the microfluidic chip in an oven at 65°C overnight.

Parc AMPeRIS, Bâtiment BAYA, 8 rue Adrienne Bolland 33600 Pessac, FRANCE
Email: sales@emulseo.com / **Tel**: +33 (0)5 35 54 10 06 / **Website**: www.emulseo.com