

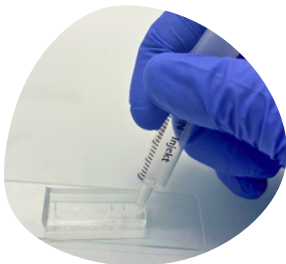
FLUO-ST1™ & FLUO-ST3™ PROTOCOL

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.