

## Ntensify micro quick start guide for 96-well configuration

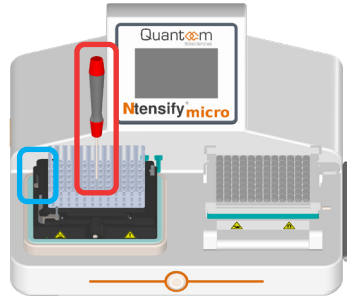
Best option for screening of various construct and design of experiments



Prior to any run on the Ntensify micro, order the recommended disposables mentioned in the user manual!

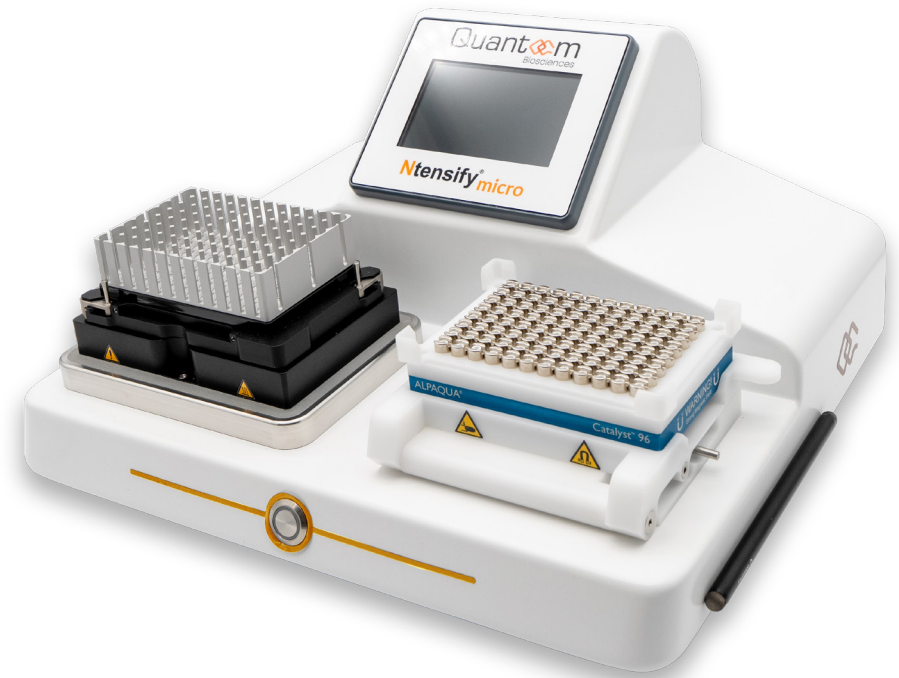
### Getting started

- To install all the required hardware, unlock the metallic latch (blue box) before screwing in the accessories.
- Use the provided screwdriver (red box) to attach the 96wells plate holder.



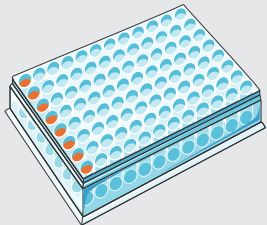
### Reagents management

- Store Mixes 2 to 4 as well as nucleotides and Cap analog at  $-20^{\circ}\text{C}$ ; others at room temperature.
- Keep Mix 2 and Mix 4 in freezer until use, then on ice during run.
- Condition beads prior to IVT reaction.



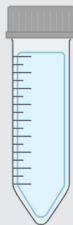
### Beads conditioning

- Depending on the number of wells, Ntensify micro will calculate the appropriate volume of mix to be prepared.
- Depending on the number of wells, beads conditioning will be prepared as explained below\*.



From 1 to 8 wells, the beads conditioning is directly done in each well.

OR



For 9 wells or more, the beads conditioning must be prepared in Eppendorf tube.

- Homogenize the Mix6 container by tilting and inverting the tube
- Put the homogenized Mix6 into a DSP plate
- Add the binding buffer to the beads (agitate 30s, 1000 RPM;  $20 \pm 5^{\circ}\text{C}$ )
- Place the plate on the magnetic separator (agitate 30s, 1000 RPM;  $20 \pm 5^{\circ}\text{C}$ )
- Remove supernatant
- Add the binding buffer to the beads
- Homogenize on the agitation module (agitate 30s, 1000 RPM;  $20 \pm 5^{\circ}\text{C}$ )

\* All volumes are displayed on the Ntensify micro screen.

### Recommendations

- The Ntensify micro requires to follow Good Laboratory Practices
- The Ntensify micro software will automatically guide the user in the appropriate bead conditioning
- The Ntensify micro software will guide you throughout the complete workflow
- Respect each programmed timing the Ntensify micro will display on the screen



The buzzer rings after incubation, centrifugation, and run.

## Overview of the process

- Ntensify micro software will guide you throughout the complete workflow
- Respect each programmed timing Ntensify micro will display on the screen



The buzzer rings after incubation, centrifugation, and run.

