

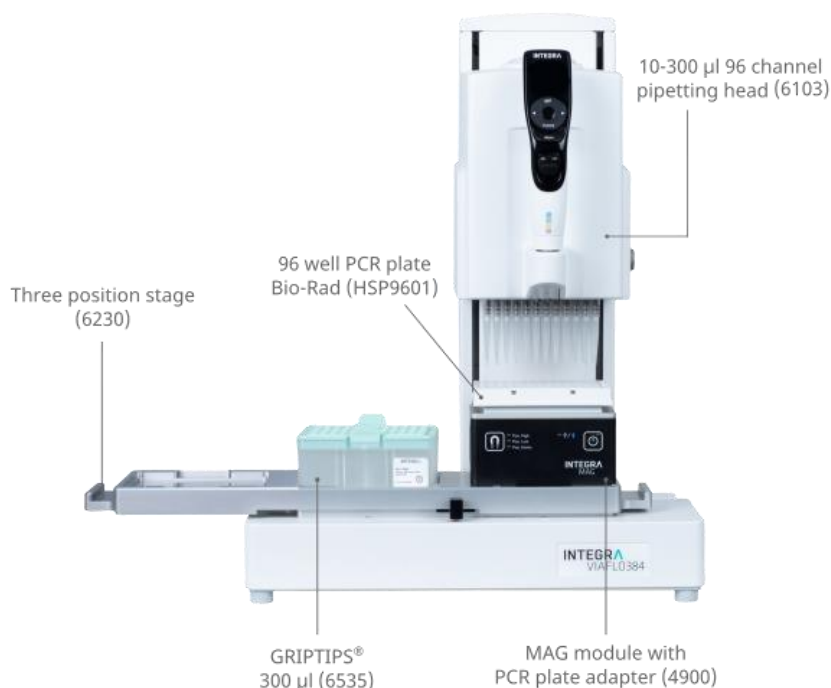
Quick start guide for high throughput PCR purification with MAGFLO PCR™

Before you start

- ☐ Bring the magnetic beads to room temperature
 - ☐ Define magnet heights for position low (Pos. low = 24 mm) and high (Pos. high = 29 mm) in MAG
Control software or MAG Control application
 - ☐ Check that you have enough 300 µl GRIPTIPS® (680 = 8 boxes)
-

VIAFLO 96 or VIAFLO 384 three position stage set-up

- ☐ Place the labware and accessories on the VIAFLO 96 or VIAFLO 384 according to the photo below for the first step of the workflow.



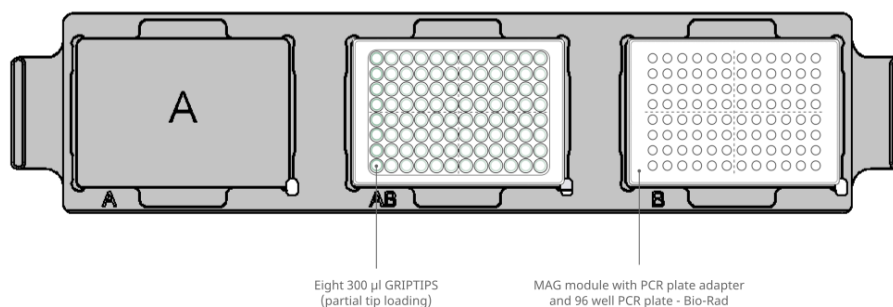
Prepare reagents for PCR purification – they will be used later in the workflow

- ☐ Prepare around 50 ml fresh 70% ethanol and pour it in an automation friendly reservoir (6305, 6348)
- ☐ Provide more than 40 µl sample to be purified in 96 well PCR plate (Bio-Rad, HSP9601)
- ☐ Pipette at least 10 ml molecular biology grade water in an automation friendly reservoir (6305, 6348)

- ☐ Select and run the program '300-TRANSFER-M'.

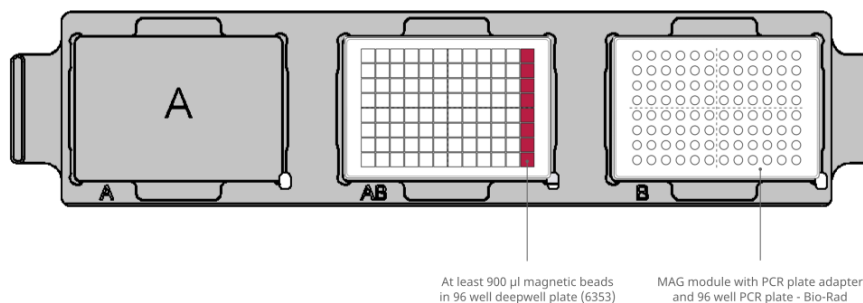
The pipette will indicate the following stage set-up, then you need to perform a partial tip loading.

1)



After partial tip loading, the pipette will prompt you to slide the stage to the left and to load the deepwell plate containing the magnetic beads onto position A/B.

2)



Further on the pipette will prompt you through the entire protocol. You will use the following VIALINK programs, respectively: '300-BIND-M', '300-WASH-M' and finally '300-ELUTE-M'.

- ☐ When you finish your run, take the MAG module off the deck, clean it (with a lint-free cloth and 70% ethanol or isopropanol) and store it in a clean, dry location, until its next use.

Note:

- You can use this quick start guide for the automatic workflow as well. You need to prepare the labware and the reagents exactly in the same way as for the manual. The VIALINK programs are the following: '300-TRANSFER-A', '300-BIND-A', '300-WASH-A', '300-ELUTE-A'.
- As an alternative, it's also possible to use the 5-125 µl 96 well pipetting head (6102), then 125 µl GRIPTIPS® needs to be used (6565) and 150 ml automation friendly reservoir (6301, 6302) could be utilized.