

Spotting in OT-2

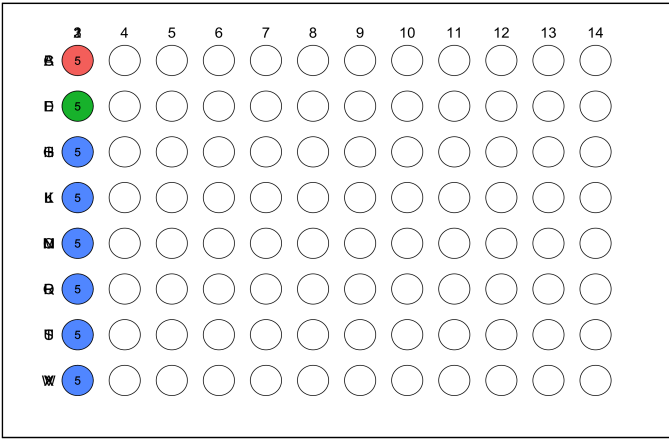
Quick Overview

The robot spots transformed cells on the total of 1 agar plates.
The pipette aspirates additional 1 uL of transformed cells.
The spotting height above the agar is set at 1 mm.
The agar height is calculated automatically per plate based on:
its shape (rectangular) and dimensions (127.8, 85.5 in mm),
the plate weight without agar (38.92 g) and with agar (g),
and agar density of 0.00095 (g/mm3).

Preparation

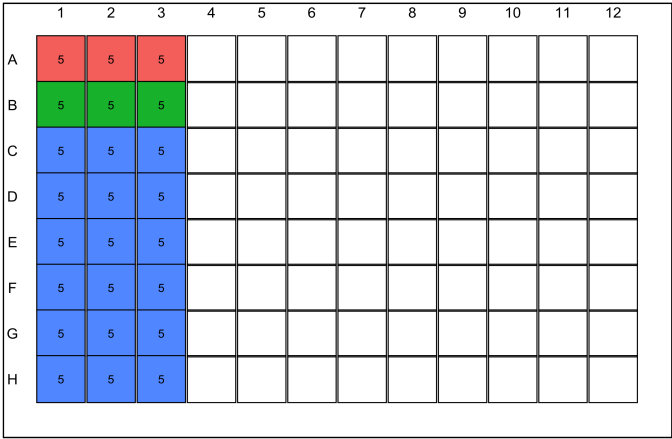
The plates are spotted in uL according to the layout below.

Armadillo 96 Well Plate 200 µL PCR Full Skirt in slot thermocycler



● water-BL21(DE3) ● pUC19-BL21(DE3) ● pJKR-BL21(DE3)

Nunc 96 Grid 96 Well Plate 10 µL in slot 1



■ water-BL21(DE3) ■ pUC19-BL21(DE3) ■ pJKR-BL21(DE3)

Deck Loading Instructions

Check that p20_multi_gen2 is in the left mount.
Slot 5, 6 : load opentrons_96_tiprack_20ul for the p20_multi_gen2 pipette.
Slot 1 : load nunc96grid_96_wellplate_10ul with agar.
Slot thermocycler : load armadillo_96_wellplate_200ul_pcr_full_skirt containing transformed cells.