

Colony picking in OT-2

Quick Overview

The colonies were picked using a pipette tip and transferred to destination plate containing fresh media. The plate is then incubated under the required conditions for further growth.

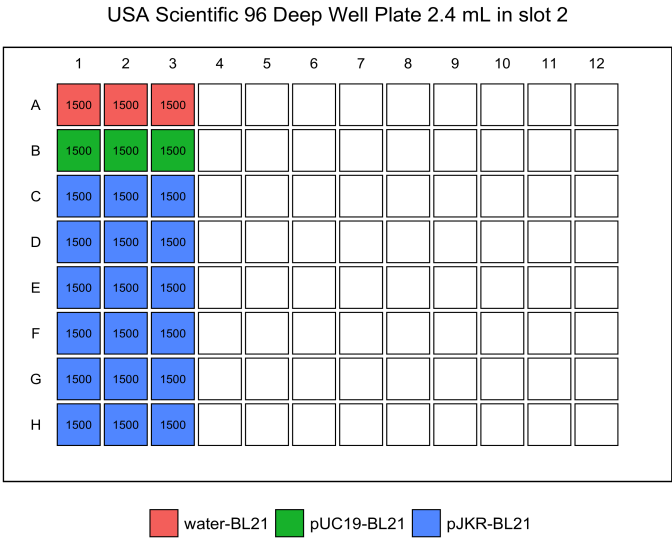
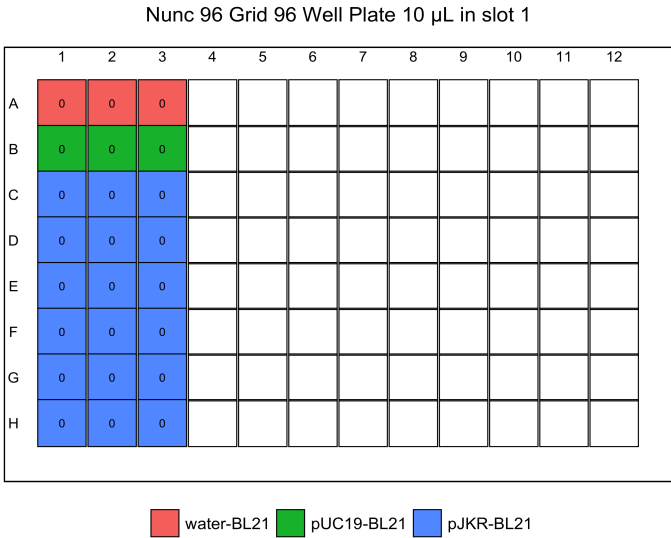
The robot picked colonies from total of 1 agar plates.

The picking height into the agar is set at 0 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 colonies are picked in accordance to the plate layout below.



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 2 : load usascientific_96_wellplate_2.4ml_deep containing fresh media.