

9/6/17

Friday, September 8, 2017 6:41 PM

Who's in Lab: Ayesha, Salma, Ana

Miniprep LC1853

Used 5mL overnight culture that was done on 9/5/17.

Centrifuged for 3 min at 9500 rpm before adding the P1 buffer as it was written in the original protocol

Conc. Measurements of LC 1853 from plate reader (taken twice):

Well B1: 63ng/uL

Well B2: 45.7 ng/uL

DNA precipitation:

DNA qty: 46 uL

$46 \text{ uL DNA} / 9 = 5.11 \text{ uL } 3\text{M NaOAc}$

$2.5 * 10 * 46 \text{ uL DNA} / 9 = 128 \text{ uL ethanol}$

Transformed DH5alpha cells with LC1539+JOE, which was the Gibcon Assembly Product from GA trial #3.