

PCR HSP60 - 96 well plate

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Abstract

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Protocol

Step 1.

Make PCR Master Mix for 100 samples in 15ml Falcon tube.

Step 2.

Add 850ul PCR Water



850 µl Additional info:



✓ PCR Water (nuclease free) PCPW by Contributed by users

Step 3.

Dilute SYBR G 1:100 by adding 3ul SYBR G and 297ul PCR water to a new small tube. Vortex and spin down.



✓ SYBR G by Contributed by users

Step 4.

Add 250ul of SYBR 1:100 dilution to Falcon tube



250 µl Additional info:



✓ SYBR G by Contributed by users

Step 5.

Add 100ul of Primer 1: GOH-279-M13 10um to Falcon tube



100 µl Additional info:

Step 6.

Add 100ul of Primer 2: GOH-280-M13 10um to Falcon tube

 AMOUNT

100 µl Additional info:

Step 7.

Add 1000ul of 5' mix to Falcon tube

 AMOUNT

1000 µl Additional info:

Step 8.

Quick vortex and spin down Falcon tube

Step 9.

Label new green 96 microplate

Step 10.

Add 23ul of Master Mix to each well of green 96 microplate

 AMOUNT

23 µl Additional info:

Step 11.

Thaw and spin down plate with extracted DNA samples.

Step 12.

Add 2ul of each extracted DNA sample to corresponding well of new plate with master mix.

 AMOUNT

2 µl Additional info:

Step 13.

Seal PCR plate with plastic film, spin down

Step 14.

Run plate on BioRad CFX with hsp60 qpcr 25ul 40 cycle program.