



CITIZEN SCIENCE

E. coli

Processing Mat

Wipe down mat, place equipment on images below, and follow step by step instructions.



1

Turn on sealer
and incubator

Incubator should be turned on 4
hours prior to sampling

Set Incubator
Temp to:

35 °C

Temperature Range
+/- 0.5°C

2

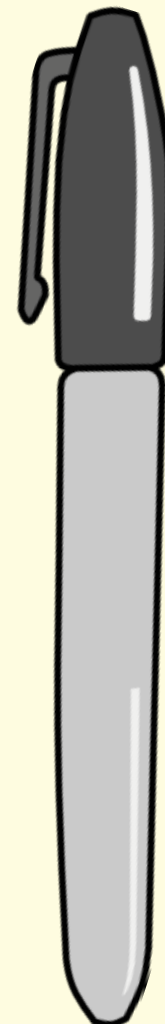
Put gloves on



3

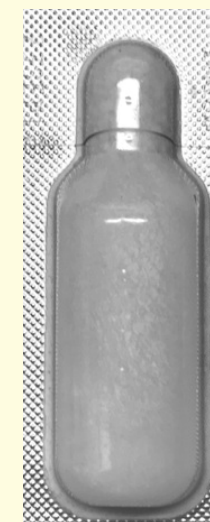
Add information to
E. coli sampling tray:

- Site ID
- Date
- Time added to incubator
- Time out (to be filled in after 24
hours incubation)



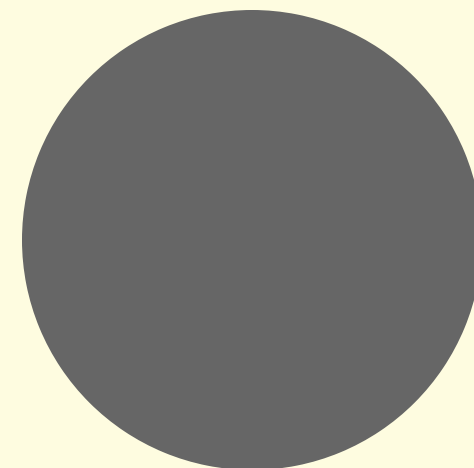
4

Add media
to *E. coli*
bottle



5

Invert *E. coli*
bottle until
media is
completely
dissolved



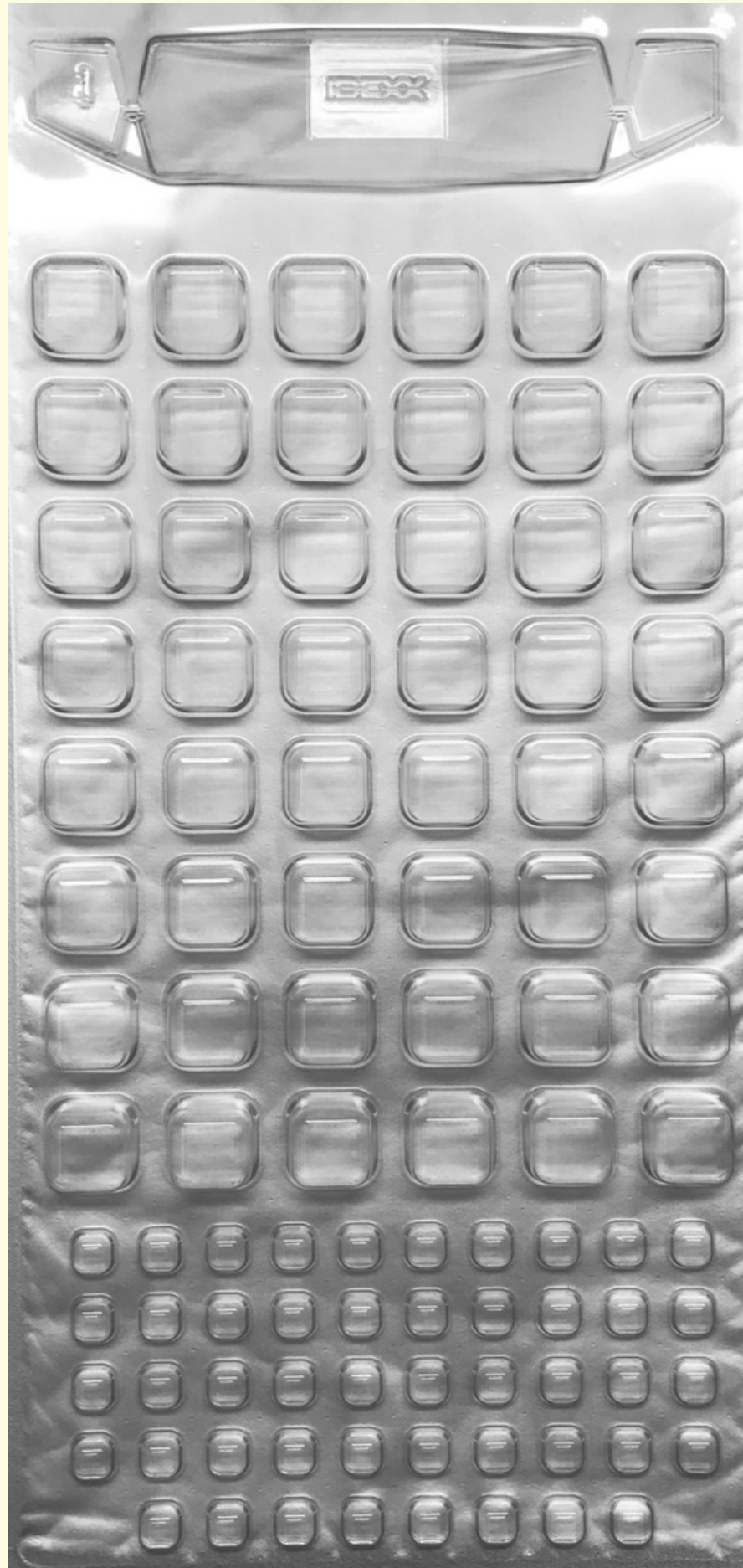
6

Confirm sealer
has heated up

Green light should
be lit up on sealer

Pour the *E. coli*
sample (with
dissolved media)
into the tray

Gently flick/tap
bubbles from the
bottom of the tray



Not to scale

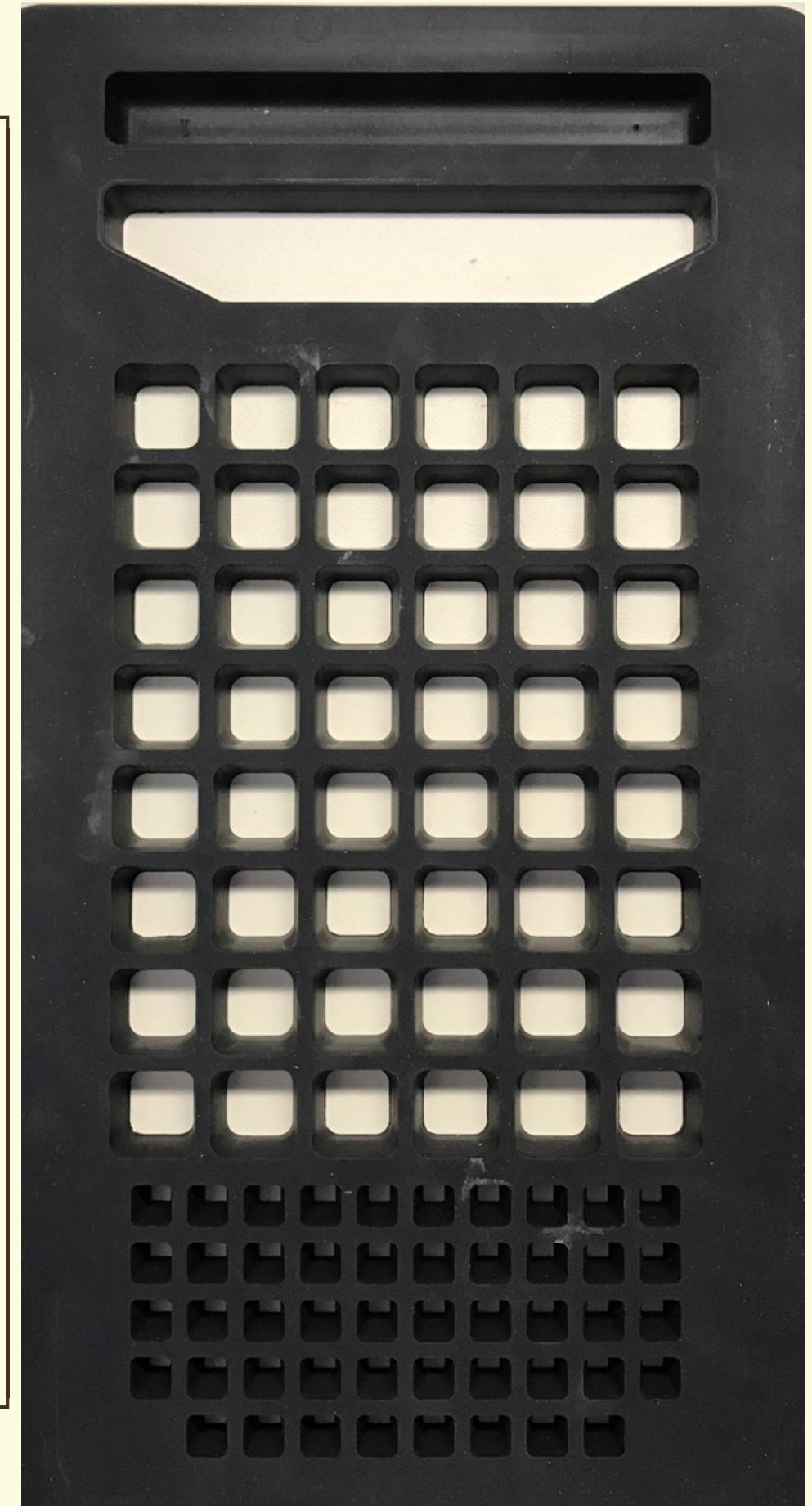
7

Align the tray
with the rubber
mat

Gently feed the
rubber mat into the
sealer (small cells
first, white side up)

Remove the tray
from the rubber
mat and place
the tray into the
preheated
incubator

Turn the sealer off



Not to scale