

ProtoCOL 3

Inhibition Zone Batch Set Up - Quick Guide

Start ProtoCOL 3 software

1

Enter



➔ Log on to ProtoCOL 3

2

Position plate

- ➔ Insert the plate holder, ensuring the plate holder that gives the best contrast between the colony and background is used
- ➔ Place plate onto plate holder

Capture image

3

Click



➔ Select the image tab and check the live box

Slide



➔ Adjust the exposure by increasing/ decreasing the sliding scale

Click



➔ Capture image

Create batch

4

Click



➔ Click New Batch

Plate configuration

5

Select



➔ Select Plate Configuration to set plate size, sample volume and threshold. Defaults are Circular plate 90mm, Spiral volume 100µl and threshold of 20. Change if necessary

Choose an application

6

Select

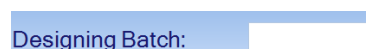


➔ Select Inhibition Zone

Name the batch


7

Enter



➔ Name the batch

Zone classification

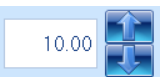
Select 


8 Click Move Individual Zones

Click 

- ➔ Select Zone Classification tab
- ➔ Select type of zone frame and the number of zones required
- ➔ Position the grid directly over the zones.
- ➔ To move individual measuring circles check the box and setting circle to the maximum zone size
- ➔ Zones can also be named on this page by clicking Rename Zones

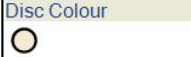
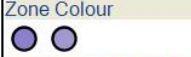
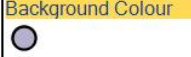
Discs/wells present

Enter Diameter (mm) 10.00 

9 or 

- ➔ Indicate whether discs or wells are present
- ➔ If a well or disc is present enter the size of disc/well by entering the size directly into the box or by clicking on the text box and drag the circle to the edge of the well or disc
- ➔ Click Next

Identify zones

10 Sample 
 Sample 
 Sample 

- ➔ From Image click on an area of the disc or well to pick colour, repeat for zone and the background. Be sure to take representative samples from across the plate
- ➔ Click Next

Review zone measurements

11 Click 

- ➔ If all zones are detected click Finish, if not repeat step 8 and ensure all of the zones are central

Measure

11 Click 

Click 

Click 

- ➔ Select Measure tab
- ➔ Test Measure Plate
- ➔ Assign a plate ID
- ➔ Accept batch

ProtoCOL 3 is now ready to make the first measurement

CONTACT SYNBIOISIS:

EUROPE:
 Tel: +44 (0)1223 727125
 Email: support@synbiosis.com
www.synbiosis.com

USA:
 Tel: 800 686 4451/301 662 2863
 Email: support@synbiosis.com
 P31ZBSU1216