

ProtoCOL 3

Antibiotic Susceptibility Batch Set-Up - Quick Guide

Start ProtoCOL 3 software

1

Enter



➔ Log onto ProtoCOL 3

2

Position plate

- ➔ Insert the plate holder, ensuring the plate holder that gives the best contrast between the zone 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

4

Create batch

Click



➔ Click New Batch

Plate configuration

5

Select



➔ Select Plate Configuration to set plate size and sample volume. Default are circular plate, 90mm, sample volume 1mL. Change if necessary

6

Choose an application

Select



➔ Select Antibiotic Susceptibility

7

Name the batch

Enter



➔ Name the batch

Zone classification

8

Select



Click



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

9

Enter



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

Disc Colour



Sample

Zone/Edge Colour



Sample

Background Colour



- ➔ 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

12

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

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