

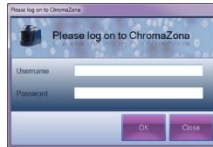
ChromaZona

Antibiotic Susceptibility Batch Set Up - Quick Guide

1

Start ChromaZona software

Enter



➔ Log onto ChromaZona

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

3

Capture image

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

5

Plate configuration

Select



➔ Select Plate Configuration to set plate size and sample volume. Defaults 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

8

Zone classification


Select 

Single Zone
 Ring  Add Centre
 Grid  
 Maximum Zone Size 
 Move Individual Zones

- ➔ 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
- ➔ Zone sizes can be adjusted using the Maximum Zone Size slider. Ensure the zone size is larger than the zones present on the plate. The zone size graticule can appear larger than the plate, this is no issue for the software to correctly measure
- ➔ Zones can also be named on this page by clicking Rename Zones
- ➔ Once satisfied with the zone selection, press Next

9

Discs/wells present

No Discs/Wells
 Disc or Well in each zone
 Set Disc Diameter (mm) 

- ➔ 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

10

Identify zones

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

11

Allow Statistics

Select the Allow statistics to enable the use of statistics for this batch

Allow statistics

12

Allow Breakpoints and Expert Rules

Select allow breakpoints and expert rules to enable their use in this batch

Allow Breakpoints and Expert rules

EUCAST

CLSI

13

Review zone measurements

Click 

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

14

Measure

Click 

➔ Select Measure tab

Click 

➔ Test Measure Plate

Click 

➔ Assign a plate ID

➔ Accept batch

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