



Validation Procedure for ProtoCOL 3 Count

CONTACT SYNBIOSIS:

EUROPE
BEACON HOUSE
NUFFIELD ROAD
CAMBRIDGE
CB4 1TF

Tel: +44 (0)1223 727125
Fax: +44 (0)1223 727101
Email: eurosales@synbiosis.com
Email: intlsales@synbiosis.com

IN USA:

5108 PEGASUS COURT, SUITE M
FREDERICK
MD 21704

Tel: 800 686 4451 (toll free) /301 662 2863
Fax: 301 631 3977
Email: ussales@synbiosis.com

www.synbiosis.com

Validation Procedure

Requirements

ProtoCOL 3 System
Pour Plate Validation Sample
ProtoCOL 3 User Manual
Familiarity with ProtoCOL 3 software

Pour Plate Validation

1. Insert the pour plate validation sample into the ProtoCOL 3 and close ProtoCOL 3 doors.
2. Log on to the system, load the software and log on to the software.
3. Next create your Validation Test batch by clicking "New Batch".
4. Select "Pour Plate" from the plate types offered.
5. Name the batch "Validation Test".
6. Check the camera exposure by clicking on the Image tab and adjusting the exposure as necessary and capturing the image, it should be around 250-350ms.
7. Position graticule around colonies
8. Click on the Classification tab and perform the colour classification and choose 1 colour and click "Next".
9. Leave the small particle slider set at around 0.1m and select the Split option click "Next"
10. Click Finish
11. Click on the Measure tab, enter a plate ID and perform a test measure
12. Select the measure tab and perform a test measurement by clicking "Test Measure Plate".
13. The count should be 100. If you wish to enter the result into the instrument's database, name and accept the batch and perform the count again.