

## TWO STEPS FOR FAST, ACCURATE PLATE READING



### CLASSIFICATION ProtoCOL 2 Batch creation

- Differentiate between colour, size and shape
- Upper and lower count limits can be set i.e. <10 cfu or >300 cfu
- Selection of counting area templates
- Separation of touching colonies
- Exclusion of unwanted items such as moulds or bubbles

### MEASURE Count using ProtoCOL 2

- Automated count in seconds
- Detection of organisms as small as 43µm
- Counts divided into sectors
- Automatically stores plate counts to a Microsoft SQL server database
- Manually add or delete colonies with an audit trail to comply with GMP/GLP
- Results can be directly transferred to a LIMS system, Excel or entered into one of ProtoCOL 2's customisable reports

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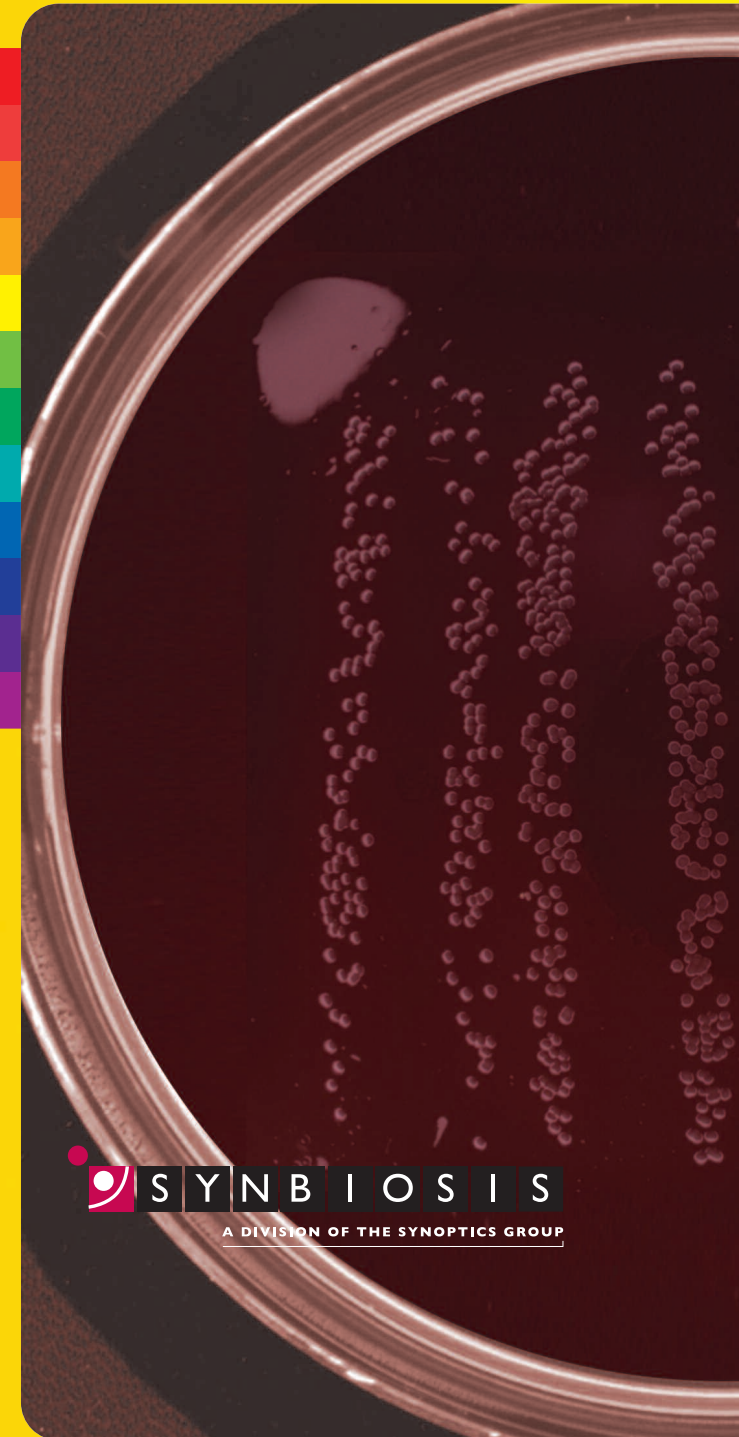
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SERUM BACTERICIDAL ASSAY - SBA



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# SERUM BACTERICIDAL ASSAY-SBA



ADJUSTABLE  
COUNTING

REPORTING

COLONEY  
MARKERS

SECTOR  
COUNTS

ProtoCOL 2 with its easy to use software, built in MS SQL server database and touch screen interface makes the counting of SBA plates fast, secure and accurate



- Serum bactericidal assay-SBA is a method of measuring the bactericidal activity contained in a patient's serum as a result of antimicrobial therapy
- The SBA represents one of the few *in vitro* tests performed in the clinical microbiology laboratory that combines the interaction of the pathogen, the antimicrobial agent and the patient
- The SBA assay is especially useful in monitoring the therapy of endocarditis, osteomyelitis and bacterial meningitis