# TWO STEPS FOR FAST, ACCURATE ZONE MEASUREMENTS


## CLASSIFICATION
## ProtoCOL 2
## Batch creation

- Zone template selection, ring, grid, number of wells
- Colour samples are taken of discs, zones and background to improve accuracy of zone detection
- Choice of 6 different zone types i.e. indistinct zones, touching zones
- ProtoCOL 2 shape analysis allows irregular zones to be measured

## MEASURE
## Measurement using
## ProtoCOL 2

- Automated accurate zone measurements in seconds
- An image is captured of each well, and the area of the zone is detected using imaging technology
- The detected area is then converted to a diameter, this is equivalent to taking an infinite number of diameter measurements
- Measurements and images stored automatically. Wells can be adjusted manually with an audit trail to comply with GMP/GLP
- Results can be directly transferred to a LIMS system, Excel or a statistical package

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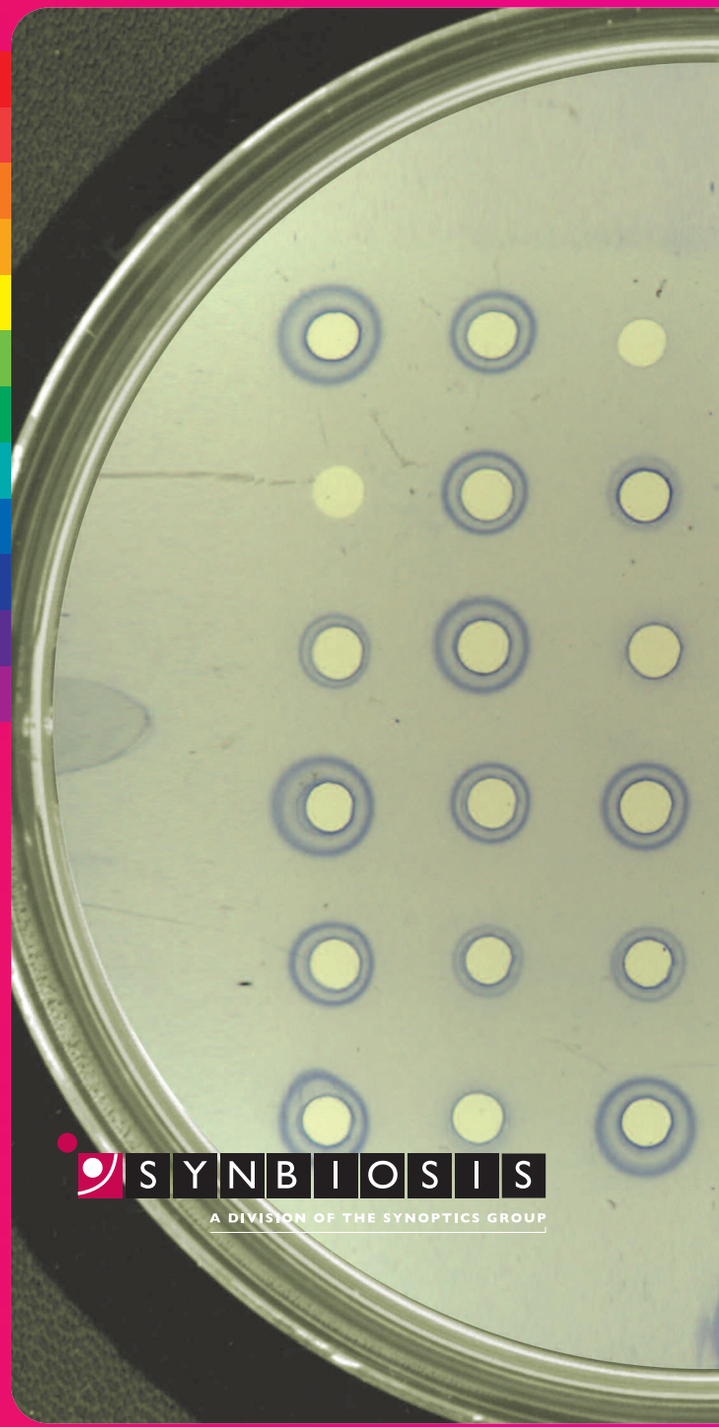
SINGLE RADIAL IMMUNODIFFUSION - SRD



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# SINGLE RADIAL IMMUNODIFFUSION SRD

- SRD is based on the diffusion of antigen from a circular well into a gel containing antiserum. A circle of precipitated antigen and antibody forms, and continues to grow until equilibrium is reached
- SRD is used extensively for the quantitative estimation of antigens
- An in vitro test, widely used in the testing of viral vaccine potencies


**ProtoCOL 2** with its easy to use software, built in MS SQL server database and touch screen interface makes the measurements of SRD reaction zones, fast, secure and accurate