TWO STEPS FOR FAST, ACCURATE ZONE MEASUREMENTS

• •	Next Plate ID SRD2		() Classo
0 0 r	Measure Plate		cation
001	Last measurement results		-
	AI	4.68 mm	orman
	81	7.17 mm	10
	C1	6.19 mm	90
0	DI	8.8 mm	ul, Res
00	EI	4.73 mm	-
	Ð	7.65 mm	
1	A2	4.83 mm	
the second se	B2	7.98 mm	
P Zoom	C2	8.1 mm	

CLASSIFICATION ProtoCOL 3 Batch creation

- Sone 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 3 shape analysis allows irregular zones to be measured

MEASURE Measurement using ProtoCOL 3

- 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
- Heasurements 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



Synbiosis USA Headquarters: 5108 Pegasus Court Suite M Frederick MD 21704 USA Tel: 800-686-4451/301-662-2863 Fax: 301-631-3977 email: ussales@synbiosis.com Synbiosis Europe and International Headquarters: Beacon House Nuffield Road Cambridge CB4 1TF UK Tel: +44 (0)1223 727125 Fax: +44 (0)1223 727101 email: sales@synbiosis.com

Website: www.synbiosis.com

A.020.02.11 All trademarks acknowledged

SYNB

SRD

NODIFFUSION

SINGLE RADIAL IMMU



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

00000 000000 000000

JZO

SRD is used extensively for the quantitative estimation of antigens

An *in vitro* test, widely used in the testing of viral vaccine potencies