

# 4Bio▲Beads

4Biocell is a trusted supplier of consumables, service and support for your Roche Cedex, Roche Cedex HiRes, OMNI Life Science CASY system.

With many years of experience in the field of cell counting, we offer our own product line of certified particle solutions for the system suitability tests for your cell counting system based on image recognition.

## Con▲Sta

Particle Concentration Standard

## Lin▲Sta

Linearity Standard for System Suitability Test

## Foc▲Sta

for Automatic Focus Adjustment

## Via▲Sta

for Viability Check (100%, 80%, 60%, 30%)

## Your Benefits

- Optimized liquid volume and composition
- Adaption to practice, reduced foam formation
- Individual certificate per bottle
- Long stability (expiry date at least 2 years from manufacturing date)
- High accuracy of bottle value
- Suspensions of beads with cell-like optical characteristics
- Tools for System Suitability Test in your cell counting system based on image recognition
- Applicable to various systems like Cedex, Cedex HiRes, BioProfile FLEX and Vi-CELL
- Can be used according to the standard operating procedures of the instrument supplier
- Batch certified standards with certificate of analysis
- Designed and produced to follow guidelines of GMP
- Compliant to international QA regulations

# 4Bio Beads

## Con Sta

Certified suspension of mono dispersal polystyrene beads

Verification of concentration accuracy

Nominal concentration:  $1.0 \times 10^6$  beads/mL

Particle dimensions: 10  $\mu\text{m}$

Content: 6.5 mL

## Lin Sta

Certified control suspensions of mono

dispersal polystyrene beads

Verification of linearity in calibration curves

Nominal concentration: 0.5, 1.0, 2.5, 5.0, 7.5  $\times 10^6$  b./mL

Particle dimensions: 4-17  $\mu\text{m}$

Content: 20 mL

## Foc Sta

Certified particle suspension for the automated

adjustment of optical components

Nominal concentration:  $2.5 \times 10^6$  beads/mL

Particle dimensions: 7-14  $\mu\text{m}$

Content: 6 mL

## Via Sta

Batch certified Viability Standard with various optical viability levels

Check the viability of your cell counting system based on image recognition

Optical viability level: 100%, 80%, 60%, 30%

Particle dimensions: 7-14  $\mu\text{m}$

Content: 10 mL