



FLEXIBLE SOLUTIONS ADAPT TO YOUR LAB

From positive controls requiring single-dose pathogens to higher doses that help detect non-pathogen food contaminants, BIOBALL® is effective for a wide range of testing applications.

- Growth promotion testing
- Method validation
- Daily controls
- Proficiency testing
- Determining Measurement of Uncertainty (MOU)
- Determining limits of detection



VIEW THE COMPLETE LIST OF AVAILABLE MICROORGANISMS AT BIOBALL.COM

SingleShot 30 –30 cfu

MultiShot 550 –10 x 100µL doses of 50 cfu

HighDose 10K –10,000 cfu

MultiShot 10e8 –10 x 100µL doses of 10⁷ cfu, ± 20%

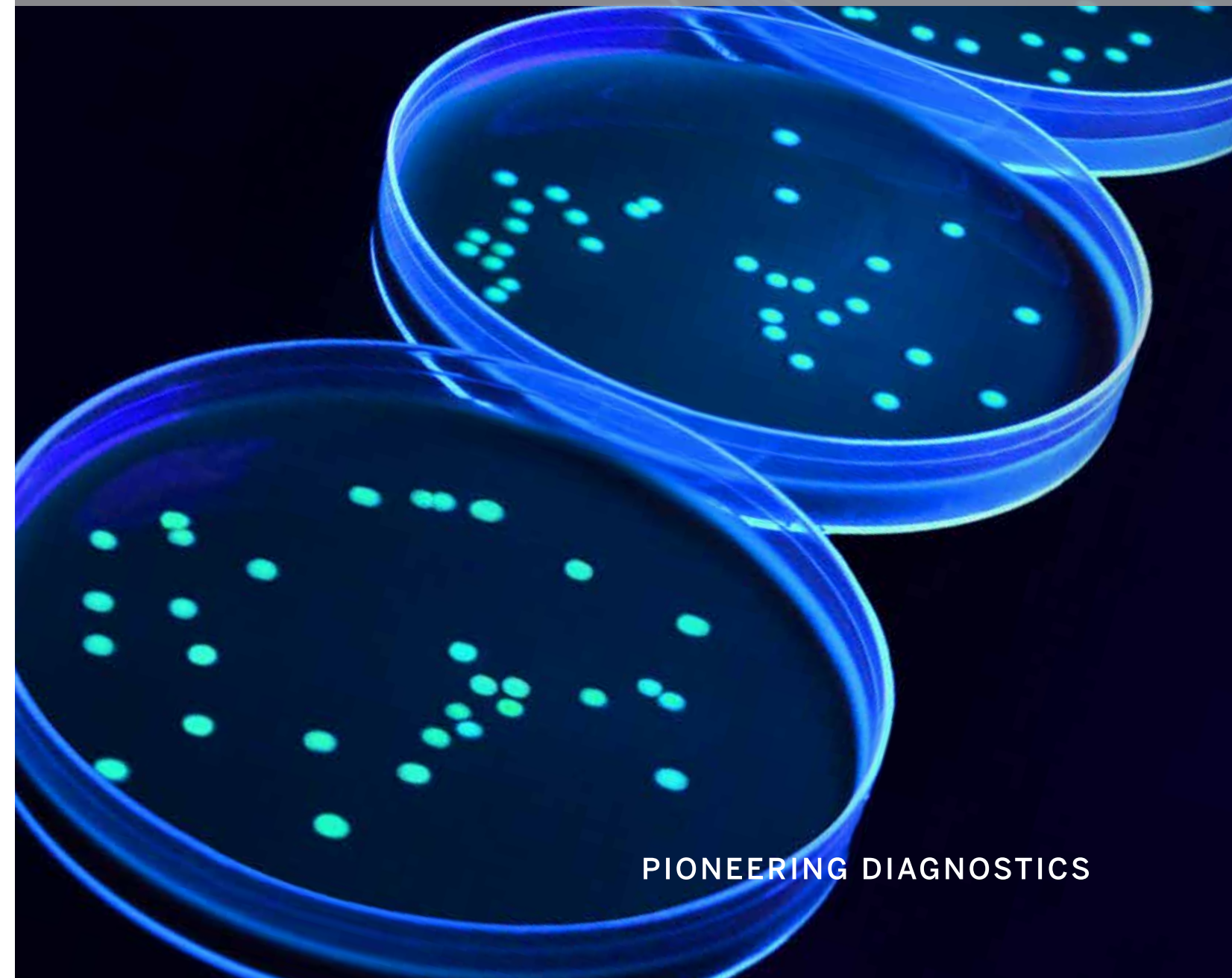
BIOBALL Plant Isolate—wild-type strains manufactured at any cfu level

BIOBALL Select—choose a strain, and we'll manufacture to any cfu level

*all values unless otherwise stated

BIOBALL® LUMINATE

The bright choice for precise quantitative quality control.





When it comes to food safety,
you can never be too accurate.

High fluorescence helps unlock value in the laboratory.

- Each microorganism is individually selected to maximize recovery rate
- Easily distinguish between external contaminants
- Streamlined workflow reduces labor requirements
- Test anytime—no preparation time required, use straight from the freezer

BIOBALL® LUMINATE is a small, water-soluble ball containing a precise number of microorganisms, with a much higher recovery rate and lower standard deviation compared to serial dilution. Each BIOBALL LUMINATE microorganism is tagged with a Green Fluorescent Protein (GFP) marker, making it easy to distinguish from external contaminants—whether using traditional or rapid testing methods.

UNPRECEDENTED ACCURACY MEETS RELIABLE CONSISTENCY.

- Unprecedented accuracy for quantitative microbiological quality control
- Greater precision with a reliable number of organisms in each ball
- Each microorganism is individually selected and dispensed to maximize recovery rate
- Maintains consistency between batches, and reduces risk of failed QC due to variability of inoculum



“With patented, proprietary technology and techniques, BIOBALL is making quantitative microbiological quality control more accurate and efficient than ever.”

FIVE SIMPLE STEPS. MINIMAL PREP TIME.

- ① Plate BIOBALL
(no defrosting or acclimation required)
- ② Rehydrate BIOBALL
- ③ Spread, dry, and incubate
- ④ Count colonies
- ⑤ UV confirmation

“Effective for a wide range of testing applications – including growth promotion, daily controls, method validation, proficiency testing, and rapid methods.”

