



Roll & Grow™ Plating Beads

Safely and Easily Spread Yeast & Bacterial Cells!

- ✓ Spread cells in just seconds per plate
- ✓ Sterile and ready-to-use
- ✓ Eliminate dangers of flame and ethanol
- ✓ Consistent and even colony distribution
- ✓ Avoid burning cells with hot glass or metal tools
- ✓ Don't create, (or break!) glass "hockey sticks"

The media experts at BIO 101[®] Systems are pleased to introduce our new Roll & Grow™ Plating Beads! Simply pipet cells and plating medium onto the agar, add a few Roll & Grow™ Plating Beads, and roll them across the surface of the plate to disperse the cells. Discard the beads and you're ready to incubate!

Save Time and Materials

Roll & Grow™ Plating Beads allow you to quickly and completely spread yeast or bacterial cells across the surface of an agar plate. The beads are provided in convenient 50 ml skirted tubes for easy dispensing and storage of in a sterile manner. Eliminate time-consuming flame and ethanol sterilizations for each plate: Roll & Grow™ Plating Beads are quickly added to just one plate or an entire stack, allowing you to disperse beads and cells all at once!

Safe for You and Your Cells

Eliminate the hazards of heating and bending glass rods or pipettes into traditional "hockey sticks". Bacterial and yeast cells are evenly dispersed by the Roll & Grow™ Plating Beads with no possibility of being burned by hot glass or metal rods. The dangers associated with using flammable alcohol can be completely avoided: No Bunsen burner or ethanol required!

Use with Confidence

BIO 101[®] Systems media experts developed and use Roll & Grow™ Plating Beads as a better and safer alternative than any current plating technique. Competitively priced, the Roll & Grow™ Plating Beads are guaranteed to be sterile and are backed by reliable laboratory data. (see figures 1 & 2) Better plate coverage and a more even distribution of cells can be obtained from a wide range of plating volumes. Perfect for standard laboratory plating, Roll & Grow™ Plating Beads are also an excellent tool for on-site plating of environmental samples or for risk-free laboratory training and education programs.

Ordering Information & Related Products

Cat #	Product Name	Size	Price
5000-550	Roll & Grow™ Plating Beads, 2pk.	80-160 Plates	\$15
Related Products			
2066-200	RPM® Turbo Kit	60	\$64
2066-400	RPM® Turbo Kit	120	\$120
2066-600	RPM® Turbo Kit	300	\$272
3000-122	CIRCLEGROW® (Powder)	454 g (1 lb)	\$61
3000-175	CIRCLEGROW® (Pack)	10 x 1.0 L Pouches	\$69
3000-121	CIRCLEGROW® (Capsules)	250 Caps	\$90
3000-104	CIRCLEGROW® (Sterile Solution)	500 ml	\$45
3002-022	LB-Medium (Powder)	454 g (1 lb)	\$34
3002-075	LB-Medium (Pack)	10 x 1.0 L Pouches	\$21
3002-021	LB-Medium (Capsules)	454 g (1 lb)	\$56
3002-014	LB-Medium (Sterile Solution)	500 ml	\$31
5000-001	Replica Plating Apparatus (1 Unit)	100 mm	\$94
5000-004	Replica Plating Apparatus (1 Unit)	150 mm	\$172
5000-007	Velvet Pad, 6 Inch Square (Pack of 10)	100 mm	\$89
5000-009	Velvet Pad, 9 Inch Square (Pack of 10)	150 mm	\$111
2100-200	EZ-Yeast Transformation Kit	200 Preps	\$118
2200-200	Alkali-Cation™ Yeast Transformation Kit	250 Preps	\$177



◀ **Figure 1**

Distribution of *E. coli* on IPTG/X-Gal plates using Roll & Grow™ Plating Beads.



Figure 2 ▶

Distribution of *E. coli* on IPTG/X-Gal plates using a traditional glass spreader sterilized with ethanol and flame.



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