


Lab Preparation Checklist

Kit contains sufficient materials for 8 student workstations. (2–4 students per workstation)

Plasmid (pGLO), lyophilized	1
E. coli strain HB101 K-12, lyophilized	1
LB nutrient broth, sterile	1
LB nutrient agar powder	1
Ampicillin, lyophilized	1
Arabinose, lyophilized	1
Sterile transformation solution (CaCl ₂)	1
Petri dishes, 60 mm, sterile	40
Inoculation loops, sterile	80
Micro test tubes, 2.0 ml, sterile, color coded	60
Foam micro test tube holders	8
Disposable plastic transfer pipets	50
UV Pen Light	1
Curriculum (printed manual not included); available as free download .	

Recommended (Optional) Accessories:

Incubation oven	
Water bath	
UV lamps	4–8
Microwave oven	