

Lab contains sufficient materials for 12 workstations (2–4 students per workstation).	
Nucleic Acid Extraction Module	1
GAPDH PCR Module	1
Small UView™ DNA Electrophoresis Reagents Module	1
PCR Kleen™ Spin Purification Module	1
Ligation and Transformation Module	1
Microbial Culturing Module	1
Aurum™ Plasmid Mini Purification Module	1
Sequencing and Bioinformatics Module	1
1.5 ml EZ Micro™ test tubes, pkg. of 500	1
Required Accessories Not Included in Kit:	
Plant samples	
95–100% lab grade ethanol	
Horizontal gel electrophoresis chambers	
Thermal cycler	
Adjustable micropipets	
Pipet tips, aerosol barrier	
Incubation oven	
Water bath and dry bath	
Microcentrifuges capable of greater than 12,000 x g	
Power supplies	
Gel documentation system	
Shaking water bath or shaking incubator	
Recommended (Optional) Accessories:	
Vortexer	
Microwave oven/autoclave	
Gel documentation system	
Spectrophotometer and cuvettes	
Available Separately:	
Nucleic Acid Extraction Module (1665005EDU)	1
GAPDH PCR Module (1665010EDU)	1
Small UView DNA Electrophoresis Reagents Module (1660462EDU)	1
PCR Kleen Spin Purification Module (7326300EDU)	1

Ligation and Transformation Module (1665015EDU)	1
Microbial Culturing Module (1665020EDU)	1
Aurum Plasmid Mini Purification Module (7326400EDU)	1
Sequencing and Bioinformatics Module (1665025EDU)	1
1.5 ml EZ Micro™ test tubes, pkg. of 500 (2239480EDU)	1