

Manufacturer	System	Gel Volume (mL)	Tank Volume (mL)	Preferred Buffer	Plasmid Concentrations Lab 2 & 2A (A/K & RP)	Protocol
miniPCR	blueGel	12–14	35–40	TBE	150 ng/μL	Link/blueGel manual
MiniOne	MiniOne	11	135	SB or TBE	100 ng/μL	Link/MiniOne manual
EmbiTech	RunOne	20–40	250–300	SB	70/80 ng/μL	Link/RunOne manual
Enduro	Gel XL	16–32	300	SB	70/80 ng/μL	Link/Enduro Gel XL manual
Thermo Fisher	OWL B1A	30	300	SB	70/80 ng/μL	Link/Owl B1A manual
miniPCR	Bandit	15–30*	30–35	TBE	70/80 ng/μL	Link/Bandit manual
Benchmark	MyGel mini	13–25	200–225	SB	70/80 ng/μL	Link/MyGel mini manual

*Gels cast using the blueGel casting trays can be used with the Bandit system.

Plasmid concentrations recommended per ABE Greater Los Angeles Area as of 5/9/23