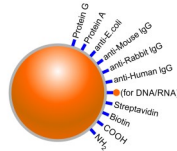


AbraMag[®] Magnetic Beads for Plasmid Prep:

The proof is in the data

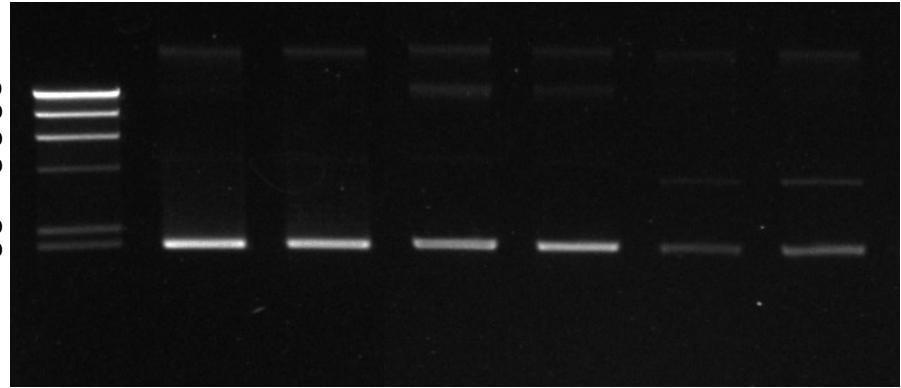


Plasmid DNA Purification

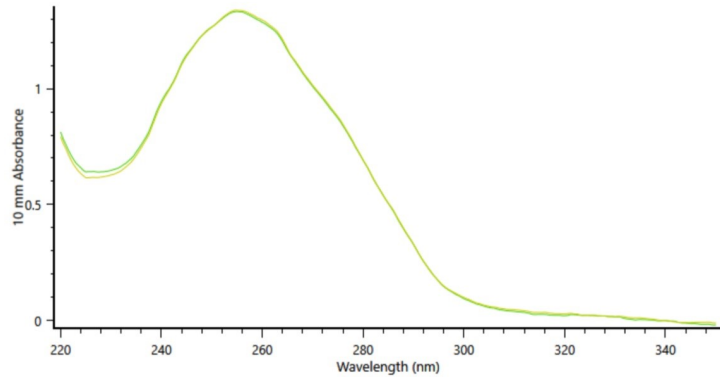


23kbp
9.4kbp
6.6kbp
4.4kbp

2.3kbp
2.0kbp

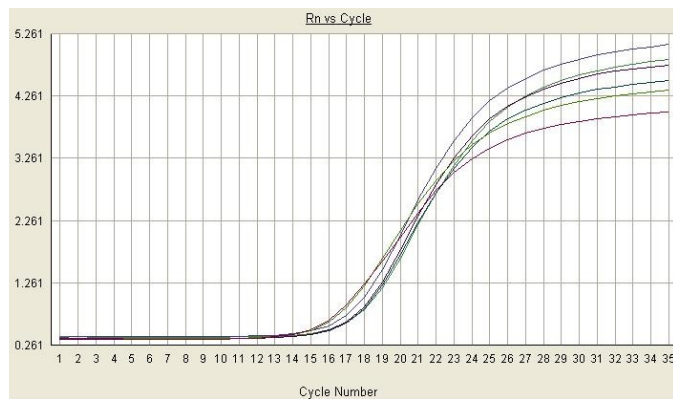


AbraMag Plasmid DNA Magnetic Beads bind plasmids with excellent purity and capacity. Gel image to the right shows four separate samples purified with AbraMag, and two with a major competitor. NanoDrop[™] data to the right show two separate samples purified with AbraMag.



Downstream Applications

Plasmid DNA purified with **AbraMag Plasmid DNA Magnetic Bead Kit** can be used in sensitive downstream applications. The graph to the right shows qPCR results for four separate samples purified with AbraMag, and two with a major competitor. The table to the right shows results of recombinant antibody production. Plasmids for 3 pairs of antibody heavy/light chains were purified, then transfected into 293 cells. Plasmid purified with AbraMag produced greater yield of recombinant antibody than plasmid purified with a Qiagen spin column kit.



AbraMag
ThermoFisher
MagJet

	Antibody	Plasmid Yield [ug]		Protein expression [ug/mL]
		Heavy Chain	Light	
Qiagen Midi	Ab1	537.6	438.9	71
	Ab2	521.1	495.6	25
	Ab3	516.6	513.6	153
AbraMag	Ab1	583.11	538.89	175
	Ab2	563.97	587.07	44
	Ab3	549.12	499.95	203



AbraMag Products Available:

Magnetic Beads	Size (mL)	Part Number
<i>Amine Magnetic Beads, 2.5%</i>	2, 5	544080, 544081
<i>Carboxyl Magnetic Beads, 2.5%</i>	2, 5	544085, 544086
<i>Anti-Human IgG Magnetic Beads, 5 mg/mL</i>	4, 20	544060, 544061
<i>Anti-Mouse IgG Magnetic Beads, 5 mg/mL</i>	4, 20	544020, 544021
<i>Anti-Rabbit IgG Magnetic Beads, 5 mg/mL</i>	4, 20	544010, 544011
<i>Protein A Magnetic Beads, 5 mg/mL</i>	2, 5	544030, 544031
<i>Protein G Magnetic Beads, 5 mg/mL</i>	2, 5	544040, 544041
<i>Streptavidin Magnetic Beads, 5 mg/mL</i>	2, 5	544050, 544051
<i>Biotin Magnetic Beads, 5 mg/mL</i>	2, 5	544000, 544001
<i>DNA Purification Magnetic Beads, 12 mg/ml</i>	1	544090
<i>mRNA Purification Magnetic Beads, 5 mg/ml</i>	2	544075

Sample sizes are also available

Magnetic Bead Purification Kits	Size (Samples)	Part Number
<i>Protein A Magnetic Beads Purification Kit</i>	20	555000
<i>Protein G Magnetic Beads Purification Kit</i>	20	555010
<i>Genomic DNA Magnetic Purification Kit</i>	100	555020
<i>Plasmid DNA Magnetic Purification Kit</i>	100	555005
<i>DNA Size Selection Magnetic Beads</i>	5, 60, 450 mL	544100, 544103, 544106
<i>PCR Clean-Up Magnetic Beads</i>	5, 60, 450 mL	555030, 555035, 555040
<i>mRNA Magnetic Purification Kit</i>	10	555025

Magnetic Separators	Part Number
<i>Magnetic Separation System, (60 position), 12 X 75 mm tubes</i>	472231
<i>Microtiter Plate Separator, (96T), Side pull</i>	472235
<i>Microtiter Plate Separator, (96T), Bottom pull</i>	472236
<i>Flask Magnetic Separator</i>	472240
<i>Magnetic Separator, 6 X 50 ml tubes</i>	472291
<i>15/50 mL Tube Magnetic Separator</i>	472250
<i>Multi-6 Microcentrifuge Tube Magnetic Separator</i>	472260
<i>Solo Microcentrifuge Tube Magnetic Separator</i>	472270
<i>Multi-Purpose Magnetic Separator (15/50/microcentrifuge tube)</i>	472280
<i>Microcentrifuge Tube Magnetic Separator (32 position)</i>	472287

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