

Comparison of Gel/PCR Extraction Kits- IBI and Brand Q

	Purity & Stability			Each Sample Tested 3 X		
<u>IBI Brand</u>	<u>DH5a/ TA</u>			<u>BL21/ pET20b</u>		
Volume (ml)	35.50	36.50	35.00	43.00	44.50	41.00
DNA Conc. (ng/ λ)	69.80	66.60	71.30	25.20	24.50	36.20
Total DNA (μ g)	2.48	2.43	2.50	1.08	1.10	1.48
A260/ A280	1.85	1.97	1.86	1.80	1.70	1.88
<u>Brand Q</u>	<u>DH5a/ TA</u>			<u>BL21/ pET20b</u>		
Volume (ml)	37.00	37.00	37.00	46.00	46.00	46.00
DNA Conc. (ng/ λ)	48.80	62.20	50.40	13.90	17.60	18.20
Total DNA (μ g)	1.81	2.30	1.86	0.64	0.81	0.84
A260/ A280	1.63	1.63	1.66	1.74	1.79	1.83

This graph is a helpful tool to determine what kit to acquire. Some kits can be used for both PCR Clean-up & Gel Extraction.

