

**DNA Sequencing - High Volume 96-well  
 Pricing and Protocol**

**Pricing:**

\$360 per plate for plasmid and PCR fragments greater than 600 base pairs (maximum of 94 samples per plate-2 standard controls are added to make a full 96-well plate)

**Requirements for 96 well plate:**

*Plates must be skirted with no edges*



**Prepare samples as follows:**

Purified PCR\*.....

LESS THAN 400bp	10ng/rxn
400-700bp	12ng/rxn
700-1000	15ng/rxn
1100bp	20ng/rxn
1200bp	25ng/rxn
1500bp	30ng/rxn
2000bp	35ng/rxn

Purified Plasmids\*.....150ng  
 Primer.....1.5ul at 2µM  
 Water.....Total volume: 10µL

\* Purified DNA should have a 260/280 ratio between 1.7-1.9

Our lab uses Phenix catalogue number MPS-3590, but any skirted plate with no edges will work.

*Recommended caps for 96-well plate MPS-3590*



8 Strip Flat Caps, Optically Clear 120 Strips/Unit (Phenix, catalogue number MPS-3781)

Please name your samples in an excel sheet attached according to the order on the plate below.

	1	2	3	4	5	6	7	8	9	10	11	12
A	1	9	17	25	33	41	49	57	65	73	81	89
B	2	10	18	26	34	42	50	58	66	74	82	90
C	3	11	19	27	35	43	51	59	67	75	83	91
D	4	12	20	28	36	44	52	60	68	76	84	92
E	5	13	21	29	37	45	53	61	69	77	85	93
F	6	14	22	30	38	46	54	62	70	78	86	94
G	7	15	23	31	39	47	55	63	71	79	87	95
H	8	16	24	32	40	48	56	64	72	80	88	96

**Genomic Core Laboratory**

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