

Phenoloxidase ESP

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Assay was completed successfully.

Results

Well	Sample	Cycles	Maximum slope (1/cycle)
A6	A6	7	0.006
A7	A7	7	0.001
A8	A8	7	0.019
A9	A9	7	0.016
B6	B6	7	0.363
B7	B7	7	0.005
B8	B8	7	0.331
B9	B9	7	0.244
C6	C6	7	0.263
C7	C7	7	0.025
C8	C8	7	0.309
C9	C9	7	0.167
D6	D6	7	0.046
D7	D7	7	0.015
D8	D8	7	0.044
D9	D9	7	0.044

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Replicate statistics

Absorbance

Maximum slope (1/cycle)

Sample	Dilution	N	CV	Mean
A6	All	1	0.00%	0.006
A6	1:1	1	0.00%	0.006
A7	All	1	0.00%	0.001
A7	1:1	1	0.00%	0.001
A8	All	1	0.00%	0.019
A8	1:1	1	0.00%	0.019
A9	All	1	0.00%	0.016
A9	1:1	1	0.00%	0.016
B6	All	1	0.00%	0.363
B6	1:1	1	0.00%	0.363
B7	All	1	0.00%	0.005
B7	1:1	1	0.00%	0.005
B8	All	1	0.00%	0.331
B8	1:1	1	0.00%	0.331
B9	All	1	0.00%	0.244
B9	1:1	1	0.00%	0.244
C6	All	1	0.00%	0.263
C6	1:1	1	0.00%	0.263
C7	All	1	0.00%	0.025
C7	1:1	1	0.00%	0.025
C8	All	1	0.00%	0.309
C8	1:1	1	0.00%	0.309
C9	All	1	0.00%	0.167
C9	1:1	1	0.00%	0.167
D6	All	1	0.00%	0.046
D6	1:1	1	0.00%	0.046
D7	All	1	0.00%	0.015
D7	1:1	1	0.00%	0.015
D8	All	1	0.00%	0.044
D8	1:1	1	0.00%	0.044
D9	All	1	0.00%	0.044
D9	1:1	1	0.00%	0.044

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Raw OD(492)

Plate #	Well	Cycle #	1	2	3	4	5	6
1	A6	Time (s)	0	296.857	593.152	889.42	1185.715	1482.054
1	A6	Result	0.335	0.343	0.347	0.346	0.349	0.352
1	A7	Time (s)	0.643	297.491	593.786	890.054	1186.348	1482.688
1	A7	Result	0.077	0.078	0.079	0.078	0.079	0.079
1	A8	Time (s)	1.286	298.134	594.429	890.697	1186.991	1483.331
1	A8	Result	0.398	0.425	0.437	0.445	0.452	0.462
1	A9	Time (s)	1.92	298.768	595.063	891.331	1187.616	1483.965
1	A9	Result	0.428	0.455	0.46	0.468	0.48	0.488
1	B6	Time (s)	4.393	301.179	597.465	893.741	1190.018	1486.348
1	B6	Result	0.864	1.385	1.59	1.712	1.79	1.858
1	B7	Time (s)	3.75	300.536	596.822	893.098	1189.375	1485.706
1	B7	Result	0.076	0.08	0.087	0.091	0.097	0.101
1	B8	Time (s)	3.143	299.965	596.259	892.527	1188.813	1485.143
1	B8	Result	1.141	1.686	1.803	1.953	2.018	2.107
1	B9	Time (s)	2.554	299.393	595.688	891.965	1188.25	1484.59
1	B9	Result	1.466	1.775	1.954	2.09	2.211	2.359
1	C6	Time (s)	5.018	301.759	598.036	894.304	1190.581	1486.911
1	C6	Result	1.273	1.62	1.799	1.902	2.017	2.103
1	C7	Time (s)	5.607	302.331	598.607	894.866	1191.143	1487.473
1	C7	Result	0.211	0.225	0.251	0.275	0.301	0.323
1	C8	Time (s)	6.25	302.973	599.241	895.509	1191.786	1488.107
1	C8	Result	1.432	1.912	2.05	2.137	2.234	2.347
1	C9	Time (s)	6.822	303.536	599.804	896.072	1192.34	1488.661
1	C9	Result	1.574	1.764	1.858	1.992	2.073	2.18
1	D6	Time (s)	9.313	306.018	602.286	898.545	1194.813	1491.125
1	D6	Result	0.356	0.397	0.448	0.482	0.517	0.554
1	D7	Time (s)	8.67	305.375	601.643	897.902	1194.17	1490.482
1	D7	Result	0.101	0.117	0.132	0.145	0.157	0.171
1	D8	Time (s)	8.036	304.741	601.009	897.268	1193.536	1489.848
1	D8	Result	0.352	0.402	0.439	0.476	0.509	0.54
1	D9	Time (s)	7.402	304.107	600.375	896.634	1192.902	1489.223
1	D9	Result	0.341	0.385	0.43	0.466	0.503	0.537

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1778.313

0.353

1778.947

0.08

1779.59

0.472

1780.223

0.494

1782.59

1.919

1781.947

0.105

1781.384

2.25

1780.848

2.502

1783.152

2.167

1783.706

0.347

1784.348

2.489

1784.884

2.406

1787.331

0.594

1786.688

0.183

1786.063

0.567

1785.429

0.568

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Info

Instrument

Instrument 3180172

Instrument 103

Software

Version 0.5.54.0

Plate

Wells 96 (8x12)

Manufactu General

Name

A1 offset (µ 14380,11240

Well distan 9000

Well diame 6500

Operations

Kinetics by plate

Cycles 7

Interval 0:05:00

Shake No shake

Absorbance

Technology Absorbance

Flashes 25

Calculation OD(492)

End kinetics