

Phenoloxidase ESP

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Assay was completed successfully.

Results

Well	Sample	Cycles	Maximum slope (1/cycle)
A1	A1	7	0.005
A2	A2	7	0.002
A3	A3	7	0.002
A4	A4	7	0.003
A5	A5	7	0.004
B1	B1	7	0.435
B2	B2	7	0.08
B3	B3	7	0.014
B4	B4	7	0.315
B5	B5	7	0.155
C1	C1	7	0.293
C2	C2	7	0.089
C3	C3	7	0.026
C4	C4	7	0.352
C5	C5	7	0.178
D1	D1	7	0.011
D2	D2	7	0.007
D3	D3	7	0.009
D4	D4	7	0.047
D5	D5	7	0.069
E1	E1	7	0.008
F1	F1	7	0.18
G1	G1	7	0.439
H1	H1	7	0.045

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Replicate statistics

Absorbance

Maximum slope (1/cycle)

Sample	Dilution	N	CV	Mean
A1	All	1	0.00%	0.005
A1	1:1	1	0.00%	0.005
A2	All	1	0.00%	0.002
A2	1:1	1	0.00%	0.002
A3	All	1	0.00%	0.002
A3	1:1	1	0.00%	0.002
A4	All	1	0.00%	0.003
A4	1:1	1	0.00%	0.003
A5	All	1	0.00%	0.004
A5	1:1	1	0.00%	0.004
B1	All	1	0.00%	0.435
B1	1:1	1	0.00%	0.435
B2	All	1	0.00%	0.08
B2	1:1	1	0.00%	0.08
B3	All	1	0.00%	0.014
B3	1:1	1	0.00%	0.014
B4	All	1	0.00%	0.315
B4	1:1	1	0.00%	0.315
B5	All	1	0.00%	0.155
B5	1:1	1	0.00%	0.155
C1	All	1	0.00%	0.293
C1	1:1	1	0.00%	0.293
C2	All	1	0.00%	0.089
C2	1:1	1	0.00%	0.089
C3	All	1	0.00%	0.026
C3	1:1	1	0.00%	0.026
C4	All	1	0.00%	0.352
C4	1:1	1	0.00%	0.352
C5	All	1	0.00%	0.178
C5	1:1	1	0.00%	0.178
D1	All	1	0.00%	0.011
D1	1:1	1	0.00%	0.011
D2	All	1	0.00%	0.007
D2	1:1	1	0.00%	0.007
D3	All	1	0.00%	0.009
D3	1:1	1	0.00%	0.009
D4	All	1	0.00%	0.047

D4	1:1	1	0.00%	0.047
D5	All	1	0.00%	0.069
D5	1:1	1	0.00%	0.069
E1	All	1	0.00%	0.008
E1	1:1	1	0.00%	0.008
F1	All	1	0.00%	0.18
F1	1:1	1	0.00%	0.18
G1	All	1	0.00%	0.439
G1	1:1	1	0.00%	0.439
H1	All	1	0.00%	0.045
H1	1:1	1	0.00%	0.045

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Raw OD(492)

Plate #	Well	Cycle #	1	2	3	4	5	6
1	A1	Time (s)	0	296.643	592.705	888.786	1184.911	1480.982
1	A1	Result	0.157	0.164	0.168	0.17	0.172	0.176
1	A2	Time (s)	0.643	297.277	593.348	889.429	1185.554	1481.625
1	A2	Result	0.095	0.097	0.099	0.1	0.102	0.102
1	A3	Time (s)	1.286	297.92	593.991	890.072	1186.197	1482.268
1	A3	Result	0.923	0.918	0.914	0.91	0.889	0.894
1	A4	Time (s)	1.911	298.545	594.616	890.697	1186.822	1482.893
1	A4	Result	0.152	0.156	0.159	0.158	0.158	0.157
1	A5	Time (s)	2.545	299.179	595.25	891.33	1187.455	1483.527
1	A5	Result	0.939	0.942	0.94	0.943	0.948	0.944
1	B1	Time (s)	5.67	302.277	598.339	894.402	1190.5	1486.572
1	B1	Result	0.38	0.876	1.25	1.478	1.622	1.73
1	B2	Time (s)	5.027	301.634	597.697	893.759	1189.857	1485.938
1	B2	Result	0.082	0.109	0.14	0.169	0.205	0.262
1	B3	Time (s)	4.402	301.018	597.072	893.134	1189.232	1485.313
1	B3	Result	0.944	0.948	0.953	0.966	0.978	0.99
1	B4	Time (s)	3.759	300.384	596.447	892.527	1188.643	1484.732
1	B4	Result	0.263	0.471	0.806	1.1	1.255	1.364
1	B5	Time (s)	3.17	299.804	595.875	891.955	1188.08	1484.161
1	B5	Result	1.276	1.484	1.586	1.663	1.758	1.864
1	C1	Time (s)	6.304	302.902	598.938	894.982	1191.063	1487.143
1	C1	Result	1.187	1.574	1.773	1.851	1.981	2.061
1	C2	Time (s)	6.911	303.473	599.5	895.545	1191.634	1487.705
1	C2	Result	0.394	0.474	0.536	0.613	0.702	0.791
1	C3	Time (s)	7.545	304.107	600.125	896.17	1192.259	1488.33
1	C3	Result	1.037	1.072	1.087	1.114	1.127	1.151
1	C4	Time (s)	8.161	304.723	600.741	896.786	1192.866	1488.938
1	C4	Result	0.775	1.246	1.478	1.64	1.761	1.859
1	C5	Time (s)	8.786	305.313	601.322	897.348	1193.429	1489.5
1	C5	Result	1.374	1.592	1.729	1.823	1.92	2.015
1	D1	Time (s)	11.938	308.447	604.447	900.473	1196.554	1492.616
1	D1	Result	0.128	0.132	0.145	0.154	0.157	0.163
1	D2	Time (s)	11.295	307.804	603.804	899.83	1195.911	1491.973
1	D2	Result	0.077	0.086	0.092	0.098	0.103	0.107
1	D3	Time (s)	10.652	307.161	603.161	899.188	1195.268	1491.33
1	D3	Result	0.168	0.178	0.183	0.19	0.2	0.2
1	D4	Time (s)	10.009	306.518	602.518	898.554	1194.634	1490.697
1	D4	Result	0.194	0.239	0.287	0.329	0.367	0.406
1	D5	Time (s)	9.366	305.884	601.884	897.92	1194	1490.063
1	D5	Result	0.289	0.364	0.427	0.467	0.504	0.537

1 E1	Time (s)	12.572	309.089	605.089	901.116	1197.197	1493.268
1 E1	Result	0.15	0.163	0.166	0.169	0.17	0.171
1 F1	Time (s)	13.214	309.723	605.732	901.75	1197.839	1493.902
1 F1	Result	0.197	0.327	0.441	0.556	0.713	0.909
1 G1	Time (s)	13.866	310.366	606.375	902.384	1198.464	1494.527
1 G1	Result	0.807	1.434	1.685	1.902	2.017	2.111
1 H1	Time (s)	14.482	310.938	606.947	902.947	1199.027	1495.089
1 H1	Result	0.203	0.251	0.294	0.342	0.38	0.413

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1777.08
0.178
1777.723
0.1
1778.366
0.893
1778.991
0.156
1779.625
0.94
1782.652
1.815
1782.009
0.364
1781.393
1.007
1780.813
1.48
1780.25
1.971
1783.214
2.159
1783.777
0.87
1784.393
1.179
1785
1.964
1785.563
2.103
1788.679
0.171
1788.036
0.112
1787.393
0.208
1786.759
0.447
1786.125
0.57

1789.322

0.174

1789.964

1.073

1790.58

2.194

1791.134

0.44

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Assay was completed successfully.

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