

Phenoloxidase ESP

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Assay was completed successfully.

Results

Well	Sample	Cycles	Maximum slope (1/cycle)
A10	A10	7	-0.001
A11	A11	7	0
A12	A12	7	0.003
B10	B10	7	0.136
B11	B11	7	0.243
B12	B12	7	0.33
C10	C10	7	0.227
C11	C11	7	0.214
C12	C12	7	0.357
D10	D10	7	0.021
D11	D11	7	0.081
D12	D12	7	0.01

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Replicate statistics

Absorbance

Maximum slope (1/cycle)

Sample	Dilution	N	CV	Mean
A10	All	1	0.00%	-0.001
A10	1:1	1	0.00%	-0.001
A11	All	1	0.00%	0
A11	1:1	1	0.00%	0
A12	All	1	0.00%	0.003
A12	1:1	1	0.00%	0.003
B10	All	1	0.00%	0.136
B10	1:1	1	0.00%	0.136
B11	All	1	0.00%	0.243
B11	1:1	1	0.00%	0.243
B12	All	1	0.00%	0.33
B12	1:1	1	0.00%	0.33
C10	All	1	0.00%	0.227
C10	1:1	1	0.00%	0.227
C11	All	1	0.00%	0.214
C11	1:1	1	0.00%	0.214
C12	All	1	0.00%	0.357
C12	1:1	1	0.00%	0.357
D10	All	1	0.00%	0.021
D10	1:1	1	0.00%	0.021
D11	All	1	0.00%	0.081
D11	1:1	1	0.00%	0.081
D12	All	1	0.00%	0.01
D12	1:1	1	0.00%	0.01

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Raw OD(492)

Plate #	Well	Cycle #	1	2	3	4	5	6
1	A10	Time (s)	0	296.902	593.491	889.911	1186.215	1482.545
1	A10	Result	1.356	1.365	1.353	1.342	1.33	1.32
1	A11	Time (s)	0.59	297.482	594.072	890.5	1186.795	1483.134
1	A11	Result	1.014	1.039	1.011	0.992	0.978	0.971
1	A12	Time (s)	1.197	298.081	594.679	891.116	1187.411	1483.75
1	A12	Result	0.169	0.177	0.175	0.176	0.174	0.173
1	B10	Time (s)	3.081	299.938	596.536	892.947	1189.241	1485.554
1	B10	Result	1.502	1.659	1.775	1.814	1.85	1.92
1	B11	Time (s)	2.482	299.366	595.965	892.384	1188.67	1484.991
1	B11	Result	1.072	1.372	1.558	1.675	1.77	1.859
1	B12	Time (s)	1.84	298.723	595.331	891.75	1188.054	1484.402
1	B12	Result	0.172	0.279	0.444	0.792	1.105	1.322
1	C10	Time (s)	3.661	300.509	597.107	893.518	1189.804	1486.116
1	C10	Result	1.508	1.648	1.787	1.917	2.144	2.372
1	C11	Time (s)	4.232	301.081	597.67	894.081	1190.366	1486.661
1	C11	Result	1.094	1.362	1.522	1.589	1.68	1.765
1	C12	Time (s)	4.831	301.661	598.241	894.652	1190.929	1487.232
1	C12	Result	0.446	0.733	1.149	1.447	1.639	1.772
1	D10	Time (s)	6.741	303.563	600.125	896.509	1192.777	1489.072
1	D10	Result	0.304	0.324	0.347	0.363	0.38	0.392
1	D11	Time (s)	6.098	302.929	599.491	895.875	1192.143	1488.438
1	D11	Result	0.222	0.29	0.384	0.452	0.507	0.563
1	D12	Time (s)	5.465	302.286	598.848	895.232	1191.5	1487.795
1	D12	Result	0.188	0.2	0.209	0.219	0.226	0.232

7

1778.84

1.326

1779.42

0.978

1780.036

0.174

1781.822

2.03

1781.259

1.947

1780.679

1.488

1782.384

2.548

1782.92

1.824

1783.482

1.878

1785.322

0.412

1784.688

0.616

1784.045

0.234

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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