

Software Version 2.09.1

Experiment File Path: C:\Users\AHC3-510\Desktop\Fei\Proten concentration #4 12 29 21.xp
 Protocol File Path: C:\Users\Public\Documents\Protocols\595 Protein Concentration.prt
 Plate Number Plate 22
 Date 10/3/22
 Time 7:49:17 PM
 Reader Type: Synergy HTX
 Reader Serial Number: 14120211
 Reading Type Reader

Procedure Details

Plate Type 96 WELL PLATE
 Eject plate on completion
 Shake Linear: 0:10 (MM:SS)
 Frequency: 567 cpm (3 mm)
 Set Temperature Setpoint 37°C, Gradient 0 °C
 Preheat before moving to next step
 Read Absorbance Endpoint
 Full Plate
 Wavelengths: 595
 Read Speed: Normal, Delay: 100 msec, Measurements/Data Point: 1

Results

Actual Temperature: 36.9

	1	2	3	4
A	0.359	0.636	0.805	1.185
B	1.485	1.497	1.136	1.215
C	0.365	0.653	0.817	1.142
D	1.631	1.632	1.183	1.248
E	0.044	0.045	0.045	0.044
F	0.044	0.044	0.044	0.046
G	0.043	0.044	0.044	0.044
H	0.044	0.044	0.045	0.043

ug	OD595	OD549-bk
0	0.359	0.315
1	0.636	0.592
2	0.805	0.761
5	1.185	1.141
10	1.515	1.471
15	1.669	1.625
20	1.754	1.71

X-axis
OD595-bk
0
0.277
0.446
0.826
1.156
1.31
1.395

	OD595	OD595-bk	ug	Vol for me	Concentration
FT	1.485	1.126	11.017342	3	3.6724474
FT	1.497	1.138	11.299771	3	3.7665903
W1	1.136	0.777	4.4058315	3	1.4686105
W1	1.215	0.856	5.6311236	3	1.8770412
W2	0.866	0.507	1.4166355	3	0.4722118
W2	0.848	0.489	1.2832911	3	0.4277637
E1	0.724	0.365	0.5886523	3	0.1962174
E1	0.799	0.44	0.9620544	3	0.3206848
E2	0.689	0.33	0.4633661	3	0.1544554
E2	0.733	0.374	0.6259054	3	0.2086351
E3	0.604	0.245	0.2888335	3	0.0962778
E3	0.608	0.249	0.2929258	3	0.0976419

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5	6	7	8	9	10	11	12
1.515	1.669	1.754	0.044	0.044	0.044	0.044	0.044
0.866	0.848	0.724	0.799	0.689	0.733	0.604	0.608
1.561	1.675	1.784	0.347	0.433	0.346	0.248	0.27
0.892	0.972	0.777	0.821	0.697	0.739	0.587	0.632
0.044	0.044	0.044	0.044	0.044	0.045	0.045	0.044
0.045	0.046	0.044	0.044	0.043	0.044	0.044	0.045
0.044	0.044	0.044	0.044	0.044	0.046	0.044	0.044
0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044

Y-axis
ug
0
1
2
5
10
15
20

Mol weight	Concentrat	Average (uM)
39	94.16532	95.37228
39	96.57924	
39	37.65668	42.89297
39	48.12926	
39	12.108	11.53815
39	10.9683	
39	5.031216	6.626952
39	8.222687	
39	3.960394	4.655007
39	5.349619	
39	2.468662	2.486151
39	2.503639	



