






1. Click “Download CSV template” and fill out the CSV File.





Upload Data


Verify Data


5PL Curve


LOD


Calculated Samples

1. Download CSV template

2. Upload CSV

Reset

How to Use?

3. Auto Select STD & NEG:

☐ 1 left

☐ 2 left

☐ 3 left

☐ 2 right

☐ 3 right

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E												
F												
G												
H												

Next

Open the Download Template

	A	B	C	D	E	F	G	H	I
1	Well ID	Target	IL1	IL2	IL3	IL4	IL5	IL6	IL7
2	A1		5932.98	4957.79	5209.858	4773.748	4475.185	4810.398	5636.929
3	A2		5674.676	6056.989	4712.447	5770.973	6411.395	6173.639	5216.097
4	A3		5991.325	5863.172	6075.54	5124.79	4696.766	5357.134	4505.393
5	A4		5053.254	6202.05	5980.507	5233.371	5233.038	5075.653	6329.352
6	A5		6223.71	4904.061	5189.976	5994.813	5748.789	4824.993	5160.241
7	A6		4654.68	5174.455	5745.03	4415.044	5501.257	4935.447	5721.9
8	A7		6029.068	5883.32	6315.548	6331.536	5027.546	5569.125	5652.333
9	A8		6092.775	5462.552	6130.088	4499.908	4509.799	5492.989	4563.619
10	A9		5340.579	5762.433	5507.725	5908.487	5086.069	4538.56	5405.805
11	B1		5701.24	4687.16	5089.379	4656.038	4326.347	4658.967	5417.491
12	B2		5516.083	5863.612	4591.642	5612.006	6304.999	5848.301	5060.414
13	B3		5802.267	5626.003	5781.147	5027.666	4570.363	5109.725	4342.695
14	B4		4958.843	6047.455	5706.758	5006.068	4983.787	4895.828	6099.031
15	B5		5966.226	4720.39	5056.749	5660.844	5508.405	4731.83	5077.379
16	B6		4555.086	5083.242	5596.851	4221.44	5283.513	4810.995	5486.804
17	B7		5858.252	5690.182	6147.164	6230.565	4876.481	5435.518	5431.739
18	B8		5992.116	5328.53	5829.225	4328.556	4379.235	5333.388	4438.519
19	B9		5192.566	5488.958	5292.747	5729.231	4830.71	4418.962	5199.591
20	C1		4926.13	3619.44	4645.366	4221.391	3894.323	4163.648	4742.525
21	C2		4830.87	5148.324	4078.66	5052.263	5831.137	5037.245	4565.956
22	C3		5052.996	4909.599	5030.243	4603.113	4118.125	4486.962	3797.894
23	C4		4560.596	5391.239	4987.073	4429.635	4249.247	4331.908	5407.008
24	C5		5128.548	4185.207	4586.952	4835.926	4823.064	4316.832	4711.344
25	C6		4177.636	4680.422	4967.497	3733.528	4658.496	4341.081	4773.188
26	C7		5274.947	4994.995	5603.478	5761.949	4407.352	4952.457	4699.682
27	C8		5539.822	4808.174	5048.143	3819.372	3962.892	4756.041	3974.952
28	C9		4548.942	4757.565	4655.358	5143.836	4171.917	4011.646	4543.563
29	D1		2739.96	1478.52	3433.559	3035.658	2936.077	2982.024	3265.258
30	D2		2947.494	3374.678	2656.63	3622.796	4267.42	3548.097	3381.135
31	D3		3142.485	3391.025	3606.453	3273.083	2935.617	3300.501	2533.698
32	D4		3316.527	3536.628	3586.935	3300.575	2759.972	3038.435	3877.538
33	D5		3285.281	3019.63	3366.115	3347.302	3388.809	3027.97	3503.332
34	D6		3107.386	3375.37	3201.355	2786.853	3327.59	3054.799	3259.013
35	D7		3816.393	3314.37	4261.132	4158.427	3300.104	3659.752	3056.918
36	D8		4043.35	3361.365	3552.481	2710.214	2857.708	3302.823	2754.424

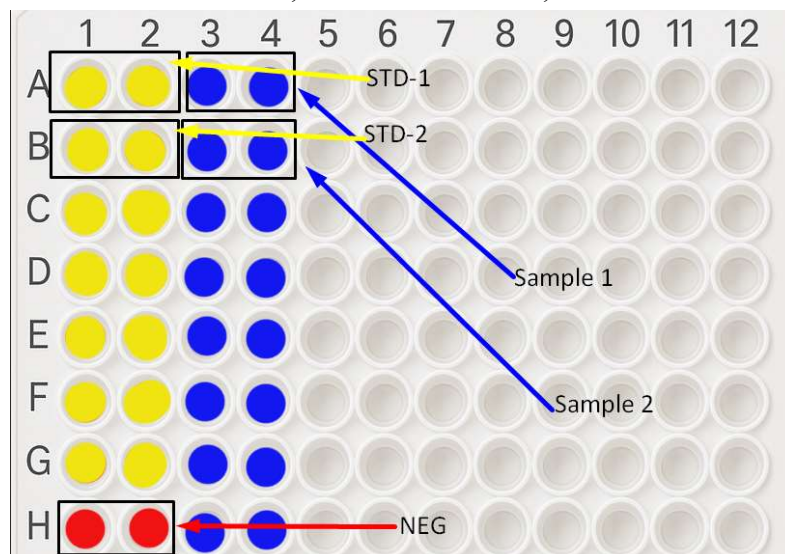
The first row of the CSV file is "**Target Name**". Please enter the correct target name for your test. The first column is "**Well ID**", and the valid range for Well IDs is from **A1 to A12, B1 to B12, ..., up to H1 to H12**. You may adjust the Well IDs according to your specific scenario. Make sure to fill in your **standard (STD)** and **sample data** using this template.

To ensure the program runs properly, please follow these rules:

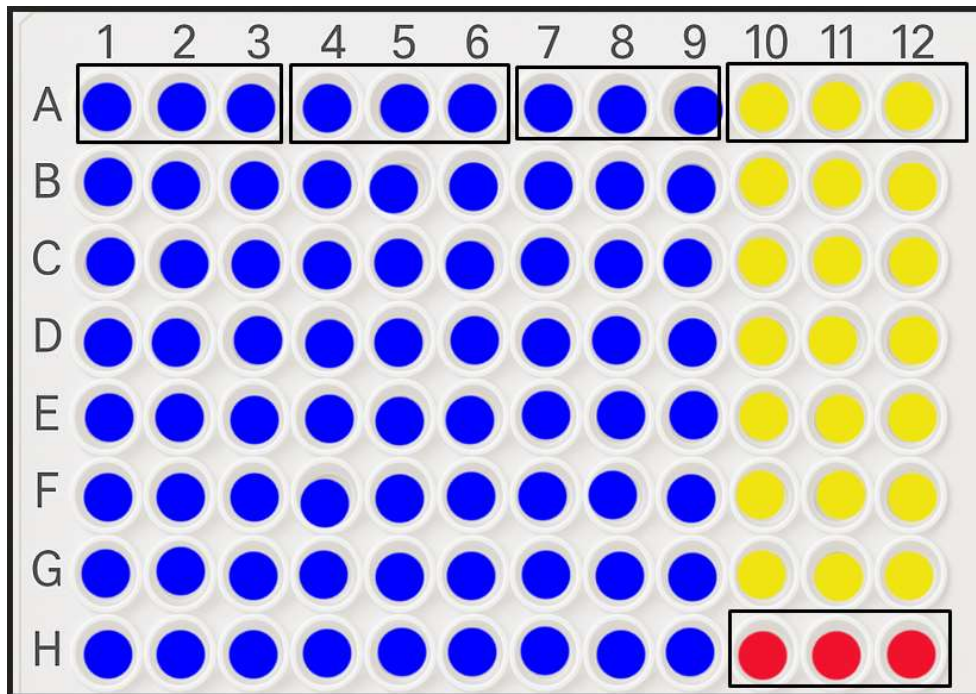
1. **Data must start from the first column**, i.e., cells A1, B1, C1, D1, E1, F1, G1, and H1 must contain values.
2. **There should be no gaps between columns with data**. For example, if columns 1 and 2 have values, column 3 must not be empty if column 4 or beyond contains data.
3. **If STD & Neg are duplicated (in duplicates or triplicates), the sample data must also follow the same duplication format** (either in duplicates or triplicates).
4. **If columns contain STD & Neg, there must be exactly 7 groups of STD and 1 group of Neg**.
5. **At least two columns of values must be filled in.**

The illustration below uses a 96-well plate to show how to fill out the CSV template. It does **not** represent the actual 96-well plate used in your experiment.

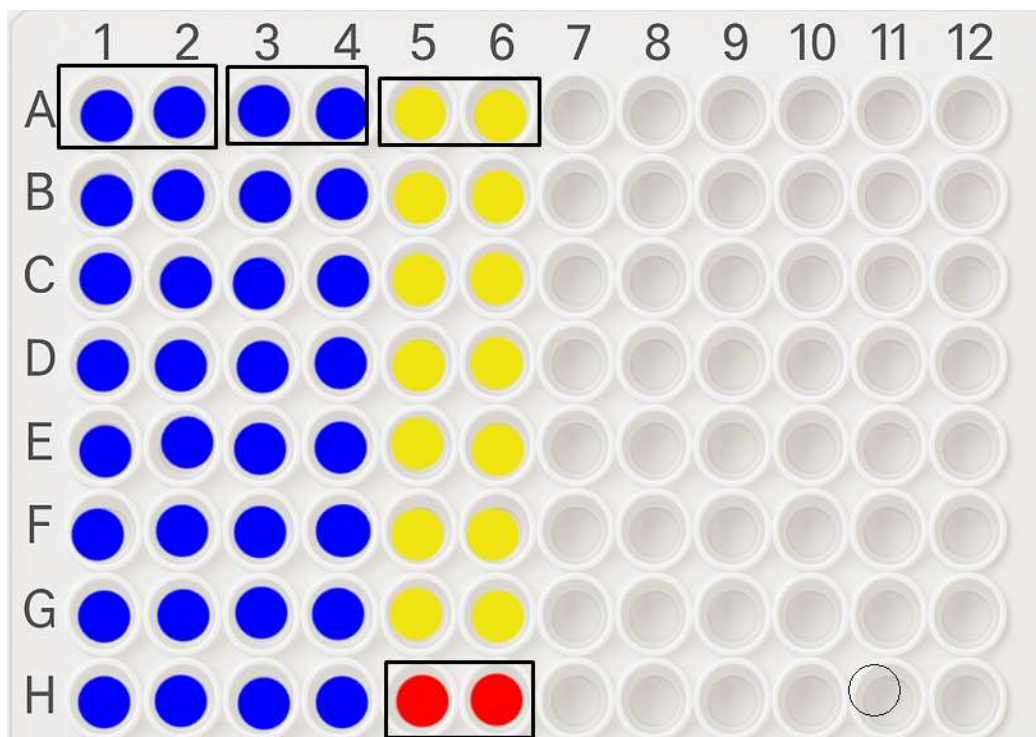
Yellow indicates STD, red indicates NEG, and blue indicates Sample.



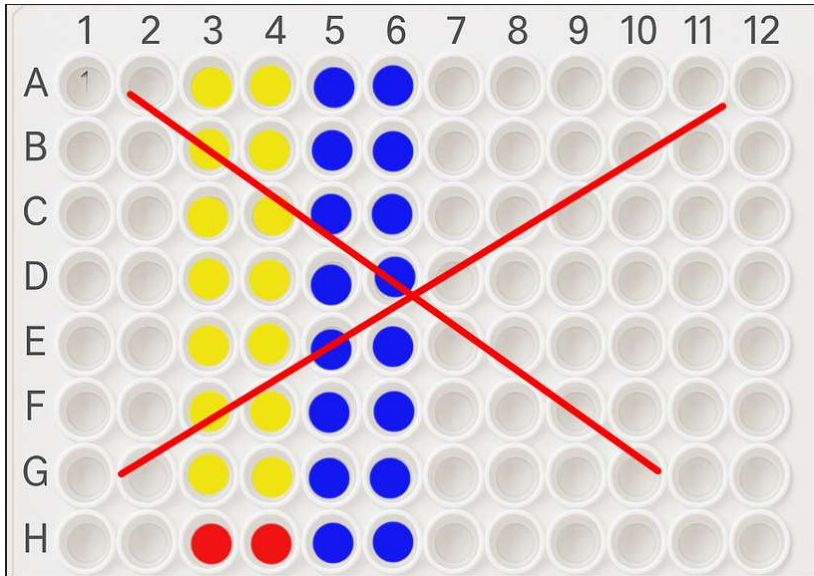
The image below shows three duplicate STD & NEG columns from Column 10 to Column 12, along with 24 samples. The CSV Well IDs range from A1 to H12.



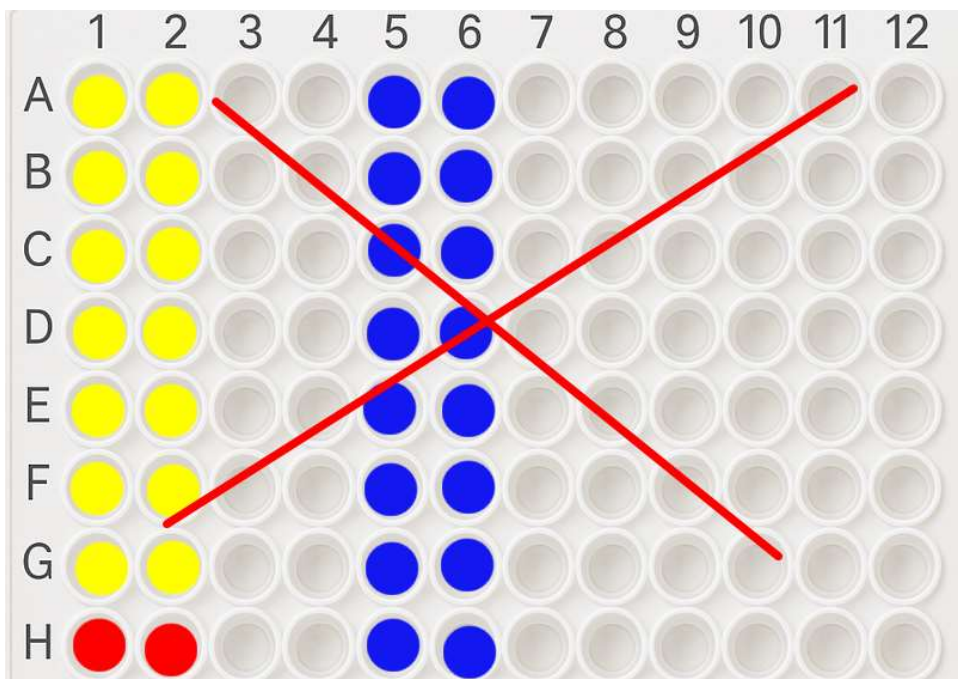
The image below shows two duplicate STD & NEG columns from Column 5 to Column 6, along with 16 samples. The CSV Well IDs range from A1-A6 to H1-H6.



The image below is an incorrect example. (Data must start from the first column, i.e., cells A1, B1, C1, D1, E1, F1, G1, and H1 must contain values.)



The image below is an incorrect example. (There should be no gaps between columns with data. For example, if columns 1 and 2 have values, column 3 must not be empty if column 4 or beyond contains data.)



2. Upload the CSV File.

After uploading the CSV file, the first table under the 'Upload CSV' button will display which wells have data, and the 'Select Top Standards' table will also appear.

[illegible]

3. Auto Select STD & NEG:

There are five options you can choose from. Once selected, the chosen cell will change color: yellow indicates STD, red indicates NEG, and the remaining cells will show values like 'A4', 'A5', etc., indicating samples.

3. Auto Select STD & NEG:

☐ 1 left
 ☐ 2 left
 ☒ 3 left
 ☐ 2 right
 ☐ 3 right

	1	2	3	4	5	6	7	8	9	10	11	12
A	A1-STD1-1	A2-STD1-2	A3-STD1-3	A4	A5	A6	A7	A8	A9			
B	B1-STD2-1	B2-STD2-2	B3-STD2-3	B4	B5	B6	B7	B8	B9			
C	C1-STD3-1	C2-STD3-2	C3-STD3-3	C4	C5	C6	C7	C8	C9			
D	D1-STD4-1	D2-STD4-2	D3-STD4-3	D4	D5	D6	D7	D8	D9			
E	E1-STD5-1	E2-STD5-2	E3-STD5-3	E4	E5	E6	E7	E8	E9			
F	F1-STD6-1	F2-STD6-2	F3-STD6-3	F4	F5	F6	F7	F8	F9			
G	G1-STD7-1	G2-STD7-2	G3-STD7-3	G4	G5	G6	G7	G8	G9			
H	H1-NEG	H2-NEG	H3-NEG	H4	H5	H6	H7	H8	H9			

4. Select Top Standards:

Fill out the Top Standards information. Once done, click the 'Next' button.

[illegible]

5. Verify Data



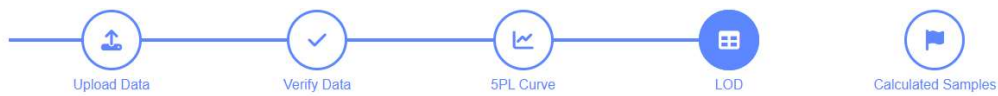
6. 5PL Curve

Click the 'Download' button to download the image. Click the color bar to show or hide STD, recovered points, or lines. Hover over the blue point to view the X and Y values.



7. LOD

In this section, the 5PL table displays the five parameters from the 5PL Curve in the previous tab. The LOD table shows the average, standard deviation (StDev), and LOD information.



5PL

	IL1	IL2	IL3	IL4	IL5	IL6	IL7	IL8
A	67.4587	97.0080	143.2829	92.4958	151.6736	98.9731	87.5162	87.0215
D	5906.5736	5667.7898	5391.3834	5260.8894	5234.7924	5560.3665	5186.9765	5545.3209
C	73.1212	117.2249	58.5896	51.2294	47.2390	55.7837	57.1186	50.4586
B	1.5125	1.1738	1.1934	1.3282	1.3116	1.0517	1.1912	1.1365
E	0.9661	1.4114	1.0532	1.0068	0.9768	1.0215	1.0169	1.0128

LOD

	IL1	IL2	IL3	IL4	IL5	IL6	IL7	IL8
NEG-1 MFI	100.00	60.82	26.33	58.21	54.87	50.93	82.82	3.91
NEG-2 MFI	97.35	56.98	62.85	17.18	84.45	63.93	36.33	45.88
NEG-3 MFI	71.33	77.01	46.65	51.99	45.03	1.60	85.32	10.43
NEG-1 Regression	4.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG-2 Regression	4.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG-3 Regression	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	3.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STDev	2.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LOD	7.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00

8. Calculated Samples



Calculated Samples

	IL1	IL2	IL3	IL4	IL5	IL6	IL7	IL8
Sample 1 (A4,A5,A6)	427.96	734.11	1508.48	2731.77	47625.53	778.83	8675.39	486.05
Sample 2 (A7,A8,A9)	678.94	1577.24	Undetectable	380.10	986.10	3509.72	578.10	Undetectable
Sample 3 (B4,B5,B6)	396.44	633.60	982.34	611.12	953.85	618.85	2667.66	407.08
Sample 4 (B7,B8,B9)	2220.81	1423.77	2713.99	316.87	561.76	2037.60	485.14	2028.02
Sample 5 (C4,C5,C6)	380.34	708.72	693.59	389.41	465.57	347.37	793.30	413.08
Sample 6 (C7,C8,C9)	632.13	588.08	723.41	958.82	279.31	530.57	527.96	649.98
Sample 7 (D4,D5,D6)	169.45	203.55	164.97	135.79	131.13	125.56	214.55	125.41
Sample 8 (D7,D8,D9)	203.74	205.10	217.86	190.05	122.44	155.81	139.93	168.43
Sample 9 (E4,E5,E6)	69.44	64.77	51.30	58.06	45.88	34.94	60.08	40.39
Sample 10 (E7,E8,E9)	73.47	69.18	65.26	54.70	49.87	45.54	43.09	45.56
Sample 11 (F4,F5,F6)	27.38	19.94	16.38	25.33	15.71	8.92	18.98	13.69
Sample 12 (F7,F8,F9)	34.37	22.87	21.98	18.66	19.41	13.68	13.75	13.99

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Export to Excel