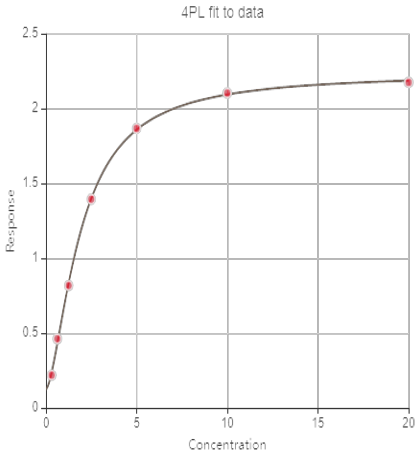
Data Report

$$y = d + \frac{a - d}{1 + \left(\frac{x}{c}\right)^b}$$



a	b	c	d
0.126255	1.590631	1.920805	2.236699

$R^2 = 0.999$

a: Theoretical response at zero concentration
b: Slope factor
c: Inflection point (EC50/IC50)
d: Theoretical response at infinite concentration

ID	Well(s)	Raw data	Average	Conc.	SD
U1	A3, A4, A5	2.15, 2.16, 2.17	2.16	15.08	0.008
U2	B3, B4	2.11, 2.13	2.12	11.439	0.01
U3	C3, C4, C5, C6	1.7, 1.8, 1.9, 1.8	1.8	4.47	0.071
U4	D3, D4, D5	1.5, 1.3, 1.4	1.4	2.502	0.082
U5	E3, E4, E5, E6	0.7, 0.8, 0.6, 0.7	0.7	1.034	0.071
U6	F3, F4	0.4, 0.3	0.35	0.503	0.05
U7	F5, F6	0.2, 0.1	0.15	0.115	0.05
C1	A7, A8, A9	2.2, 2.1, 2.15	2.15	13.919	0.041
C2	B7, B8	0.01, 0.008	0.009	Out of range	0.001
BL	H1, H2	0.006, 0.008	0.007	0.0	0.001
S1	A1, A2	2.174, 2.176	2.175	20.0	0.001
S2	B1, B2	2.103, 2.105	2.104	10.0	0.001
S3	C1, C2	1.866, 1.868	1.867	5.0	0.001
S4	D1, D2	1.394, 1.396	1.395	2.5	0.001
S5	E1, E2	0.817, 0.819	0.818	1.25	0.001
S6	F1, F2	0.461, 0.463	0.462	0.625	0.001
S7	G1, G2	0.218, 0.22	0.219	0.312	0.001

This report is generated by GainData® (arigo's ELISA Calculator). https://www.arigobio.com/ELISA-calculator