

Advanced Kinetics

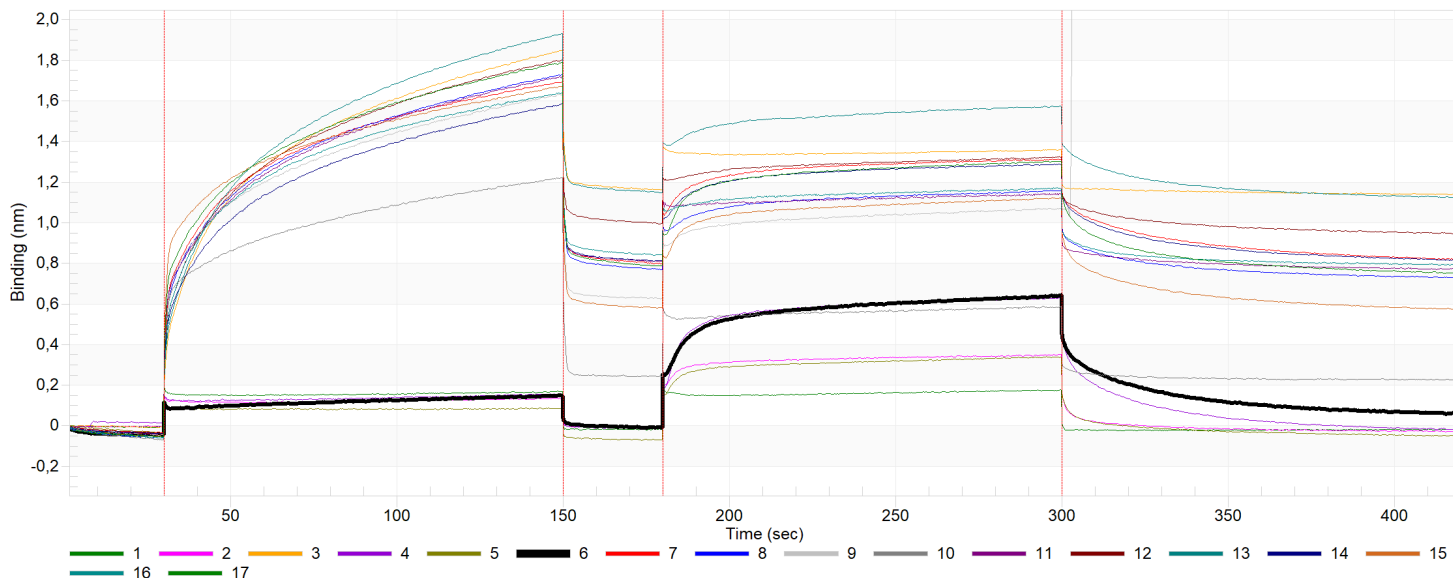
Experiment: d1-hlm_vs_e3-lsm
Description: po regeneracji, bait 3.7uM bez wymiany buforu; bufor kin: 50mM Hepes 7.6 150mM NaCl, 5% Glicerol, 0.1% BSA, 0.05% Tween20
Date: Tuesday, December 20, 2022
Time: 12:23:54 AM

BLItz Pro version: 1.2.1.5
Instrument Serial #:FB-60700
Firmware: 1.1.0.7

Run Settings

	Step Type	Duration (s)	Position
1	Initial Baseline	30	Tube
2	Loading	120	Drop
3	Baseline	30	Tube
4	Association	120	Drop
5	Dissociation	120	Tube

Run Data

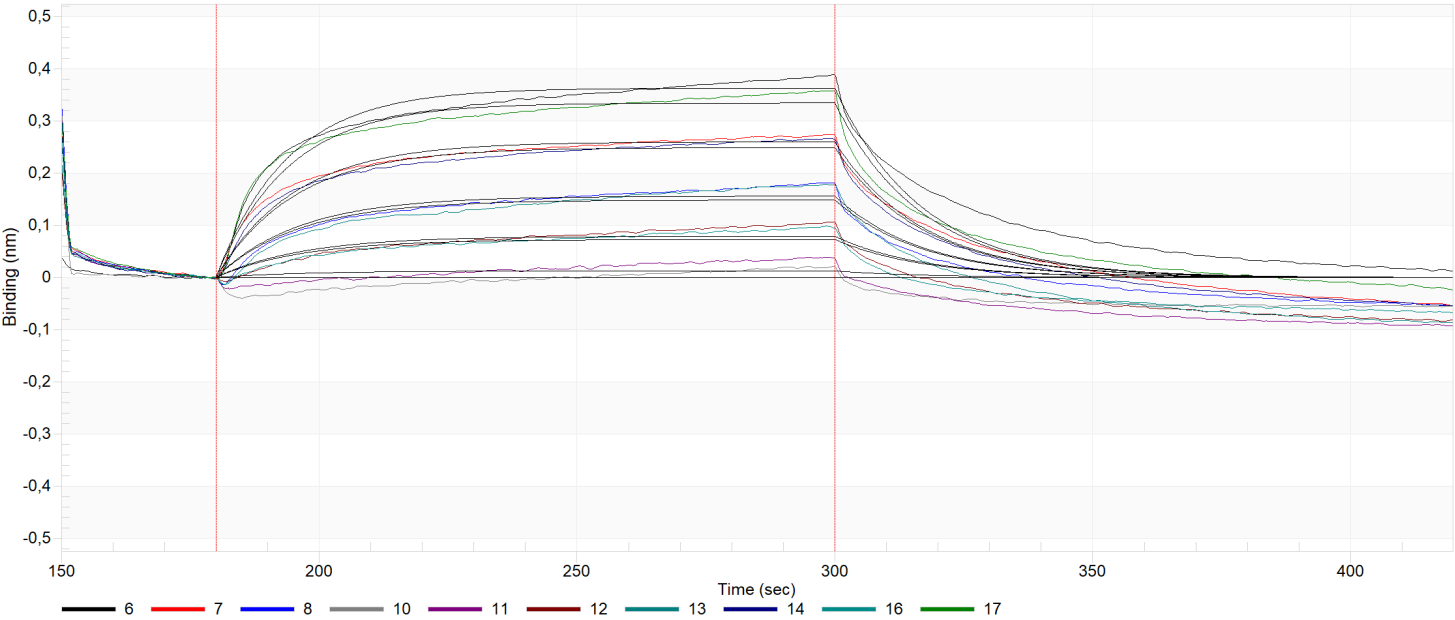


Run List

Index	Show	Analyze	Ref.	Sample ID	Conc. (uM)	Run time (s)	Shaker speed (rpm)	Integration (ms)	Biosensor Type	Information	Status
1	1	0	0	blank	0	420	1000	2.3	Anti-GST	całkiem pusty sensor	
2	1	0	0	blank2		420	1000	2.3	Anti-GST	no bait, 24uM LSM	
3	1	0	0	blank3		420	1000	2.3	Anti-GST	bait + blank analyte	
4	1	0	0		24	420	1000	2.3	Anti-GST	sensor ten co poprzednio	
5	1	0	0	blank4		420	1000	2.2	Anti-GST	no bait, 24uM LSM, czysty sensor	
6	1	1	0		16	420	1000	2.2	Anti-GST		
7	1	1	0		8	420	1000	2.2	Anti-GST		
8	1	1	0		4	420	1000	2.2	Anti-GST		
9	1	0	0		2	420	1000	2.3	Anti-GST	dysocjacja poszła w pustej tubce	Saturated response
10	1	1	0		1	420	1000	2.4	Anti-GST	nisko sie zaladowalo	
11	1	1	0		1	420	1000	2.3	Anti-GST		
12	1	1	0		2	420	1000	2.4	Anti-GST		
13	1	1	0		4	420	1000	2.2	Anti-GST		
14	1	1	0		8	420	1000	2.2	Anti-GST		
15	1	0	0		16	420	1000	1.9	Anti-GST		
16	1	1	0		2	420	1000	2.1	Anti-GST		
17	1	1	0		16	420	1000	2.1	Anti-GST		

Analysis Parameters
Global fitting (1:1)
Step correction: Start of association, Start of dissociation

Analysis Data



Index	Sample ID	Conc. (uM)	Information	KD (M)	ka (1/Ms)	ka Error	kd (1/s)	kd Error	Rmax	Rmax Error	R equilibrium	X^2	R^2
1	blank	0	calkiem pusty sensor										
2	blank2		no bait, 24uM LSM										
3	blank3		bait + blank analyte										
4		24	sensor ten co poprzednio										
5	blank4		no bait, 24uM LSM, czysty sensor										
6		16		7.17e-5	8.186e2	8.04e2	5.87e-2	5.439e-3	1.992	1.738	0.3634	2.304	0.9252
7		8		7.17e-5	8.186e2	8.04e2	5.87e-2	5.439e-3	2.593	2.471	0.2602	2.304	0.9252
8		4		7.17e-5	8.186e2	8.04e2	5.87e-2	5.439e-3	2.955	2.956	0.1561	2.304	0.9252
9		2	dysocjacja poszla w pustej tubce										
10		1	nisko sie zaladowalo	7.17e-5	8.186e2	8.04e2	5.87e-2	5.439e-3	1.233e-27	0.8367	1.696e-29	2.304	0.9252
11		1		7.17e-5	8.186e2	8.04e2	5.87e-2	5.439e-3	0.9226	1.265	0.01269	2.304	0.9252
12		2		7.17e-5	8.186e2	8.04e2	5.87e-2	5.439e-3	2.916	3.009	0.07913	2.304	0.9252
13		4		7.17e-5	8.186e2	8.04e2	5.87e-2	5.439e-3	2.814	2.815	0.1487	2.304	0.9252
14		8		7.17e-5	8.186e2	8.04e2	5.87e-2	5.439e-3	2.483	2.365	0.2492	2.304	0.9252
15		16											
16		2		7.17e-5	8.186e2	8.04e2	5.87e-2	5.439e-3	2.687	2.776	0.07293	2.304	0.9252
17		16		7.17e-5	8.186e2	8.04e2	5.87e-2	5.439e-3	1.836	1.601	0.3349	2.304	0.9252