Advanced Kinetics

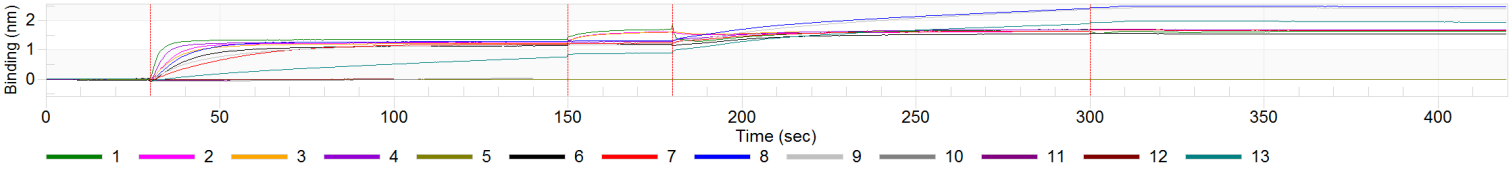
Experiment: BLI experiments for BITEVPHA
Description: BITEVPHA 1 uM - 50 uM with 1:300 anti-HA
Date: Monday, February 17, 2020
Time: 4:42:29 PM

BLItz Pro version: 1.1.0.31
Instrument Serial #: FB-60285
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

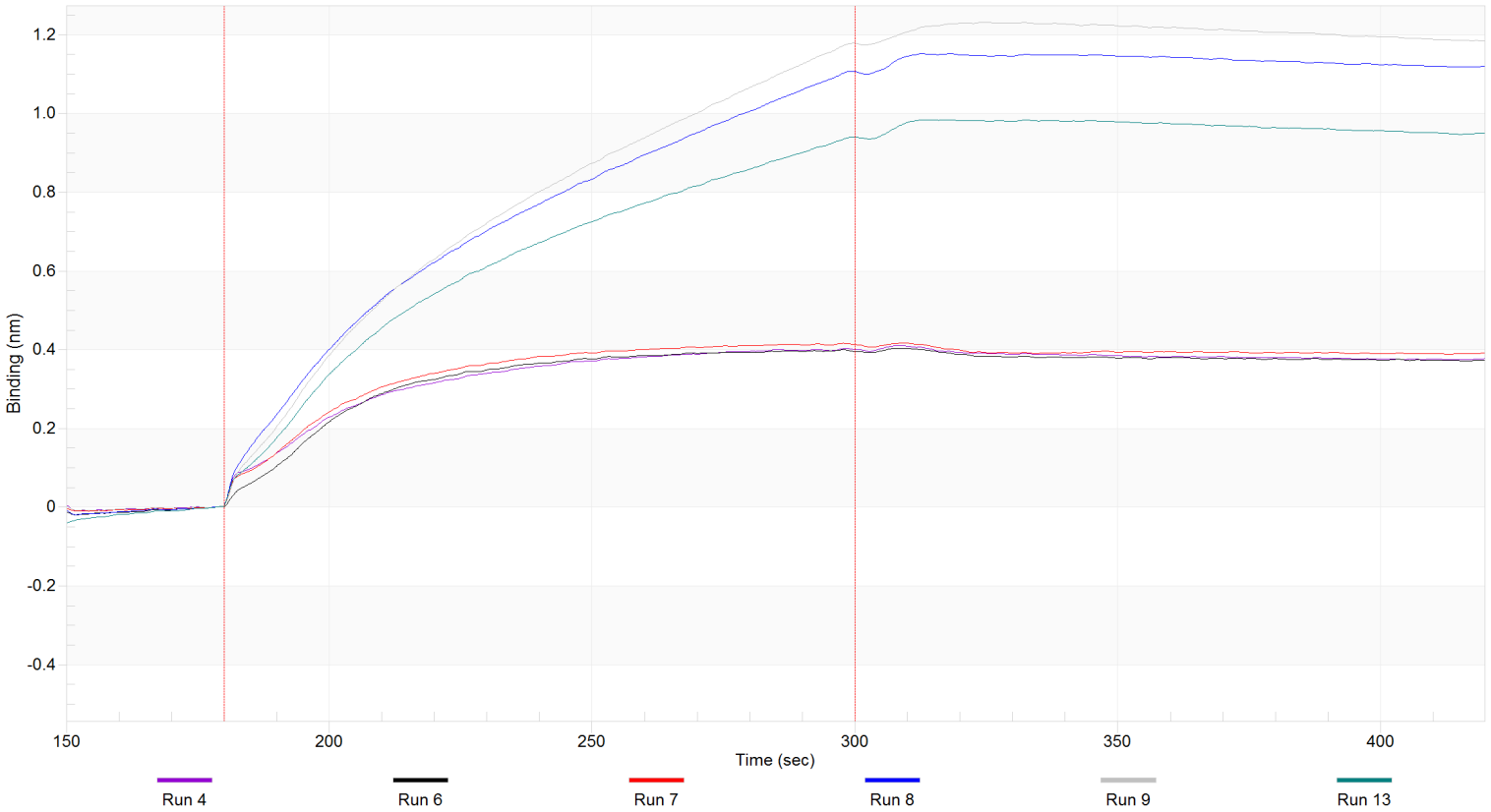


Run List

Index	Show	Analyze	Ref.	Sample ID	Conc. (µM)	Run time (s)	Shaker speed (rpm)	Integration (ms)	Biosensor Type	Information	Status
1	1	0	0	BITEVPHA	50	420	2200	2.1	SA		
2	1	0	0	BITEVPHA	50	278	2200	2.0	SA		Terminated by user
3	1	0	0	BITEVPHA	25	242	2200	2.2	SA		Terminated by user
4	1	1	0	BITEVPHA	50	420	2200	2.1	SA		
5	1	1	1	pep-buffer	0	420	2200	2.1	SA		
6	1	1	0	BITEVPHA	25	420	2200	2.0	SA		
7	1	1	0	BITEVPHA	10	420	2200	2.2	SA		
8	1	1	0	BITEVPHA with 1:10 Ab	50	420	2200	2.1	SA		
9	1	1	0	BITEVPHA with 1:10 Ab	10	420	2200	2.1	SA		
10	1	0	0	BITEVPHA with 1:10 Ab	2	140	2200	2.0	SA		Terminated by user
11	1	0	0	BITEVPHA with 1:10 Ab	2	53	2200	2.0	SA		Terminated by user
12	1	0	0	BITEVPHA with 1:10 Ab	1	100	2200	2.0	SA		Terminated by user
13	1	1	0	BITEVPHA with 1:10 Ab	5	420	2200	2.1	SA		

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

Analysis Data



Index	Sample ID	Conc. (µM)	Information	KD (M)	ka (1/Ms)	ka Error	kd (1/s)	kd Error	Rmax	Rmax Error	R equilibrium
1	BITEVPHA	50									
2	BITEVPHA	50									
3	BITEVPHA	25									
4	BITEVPHA	50									
5	pep-buffer	0									
6	BITEVPHA	25									
7	BITEVPHA	10									
8	BITEVPHA with 1:10 Ab	50									
9	BITEVPHA with 1:10 Ab	10									
10	BITEVPHA with 1:10 Ab	2									
11	BITEVPHA with 1:10 Ab	2									
12	BITEVPHA with 1:10 Ab	1									
13	BITEVPHA with 1:10 Ab	5									