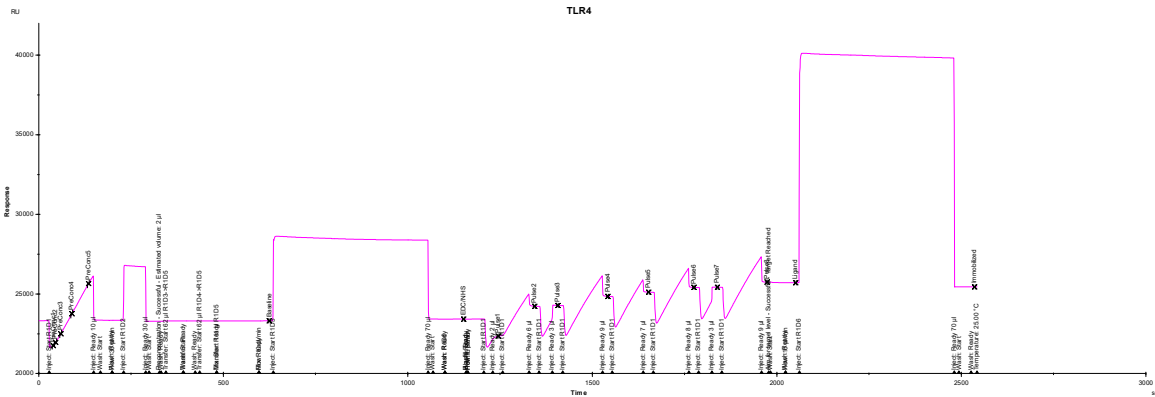


TLR4 Coupling

Immobilization Wizard results

Chip: CM5
Flow cells per cycle: 1

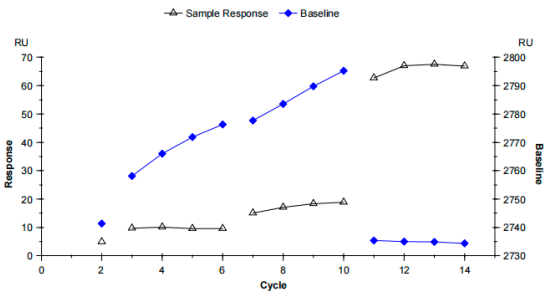
Flow cell	Procedure	Method	Ligand	Response Bound (RU)	Response Final (RU)	Target Reached
4	Target level	Amine	TLR4	2290.6	2136.6	Yes



Regeneration Condition

Regeneration scouting result

Trend Chart

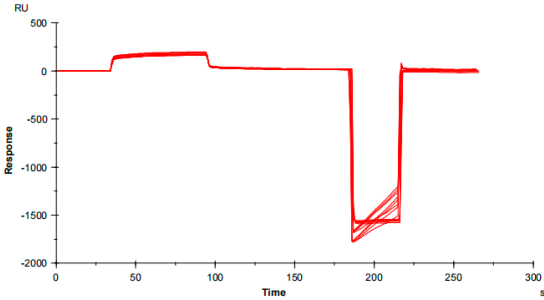


Subtracted Fc=4-3

Selected conditions

Condition 1	Solution: Glycine-Hcl3.0, 30(s)
Condition 2	Solution: Glycine-Hcl2.5, 30(s)
Condition 3	Solution: Glycine-Hcl2.0, 30(s)

Sensorgrams



Sensorgram Fc=3

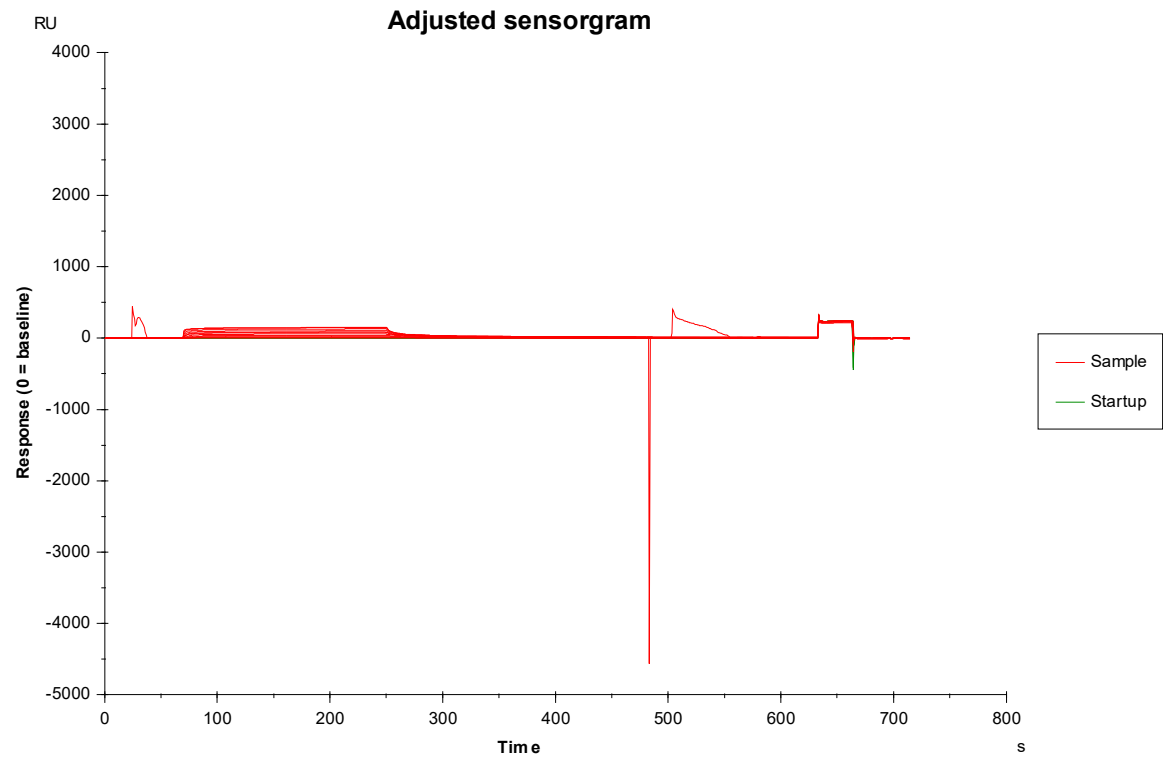
Included cycles for each condition: 1, 2, 3, 4

Selected conditions

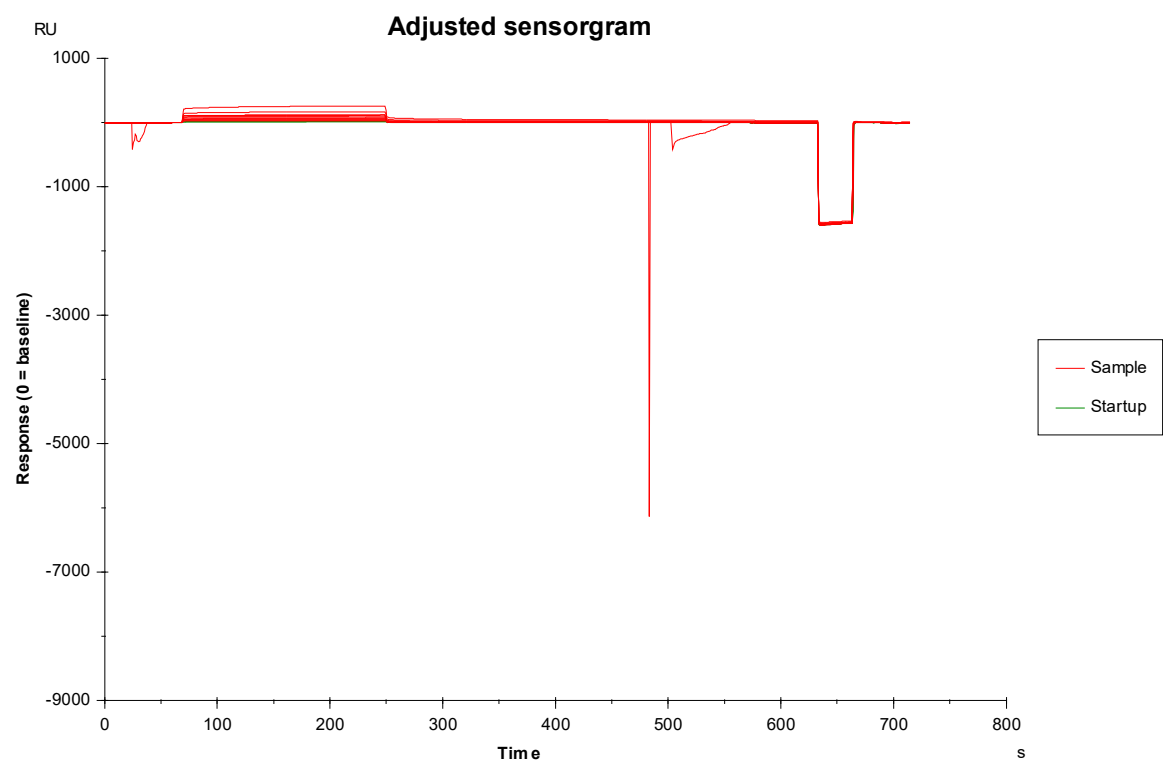
Condition 1	Solution: Glycine-Hcl3.0, 30(s)
Condition 2	Solution: Glycine-Hcl2.5, 30(s)
Condition 3	Solution: Glycine-Hcl2.0, 30(s)

TLR4-NA39 Kinetic Raw Sensorgram

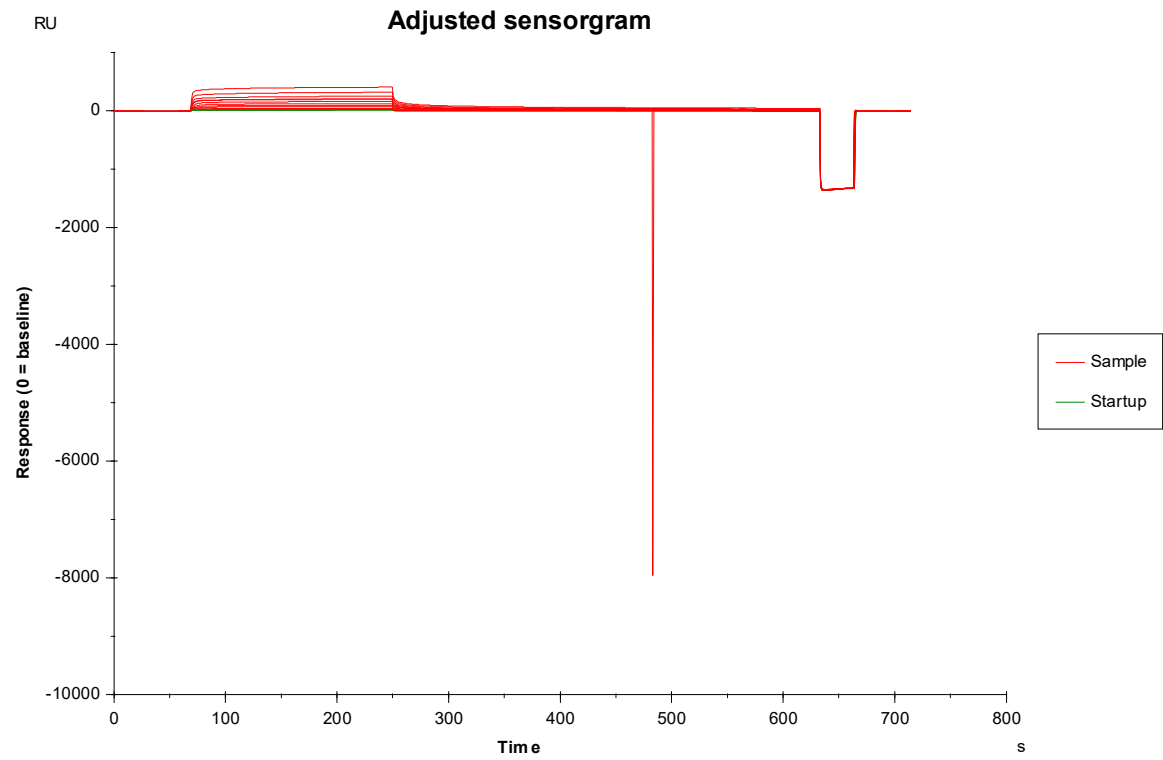
Path 4-3



Path 3 Blank Control group



Path 4 Experimental Group



The regeneration time between 600-700s