

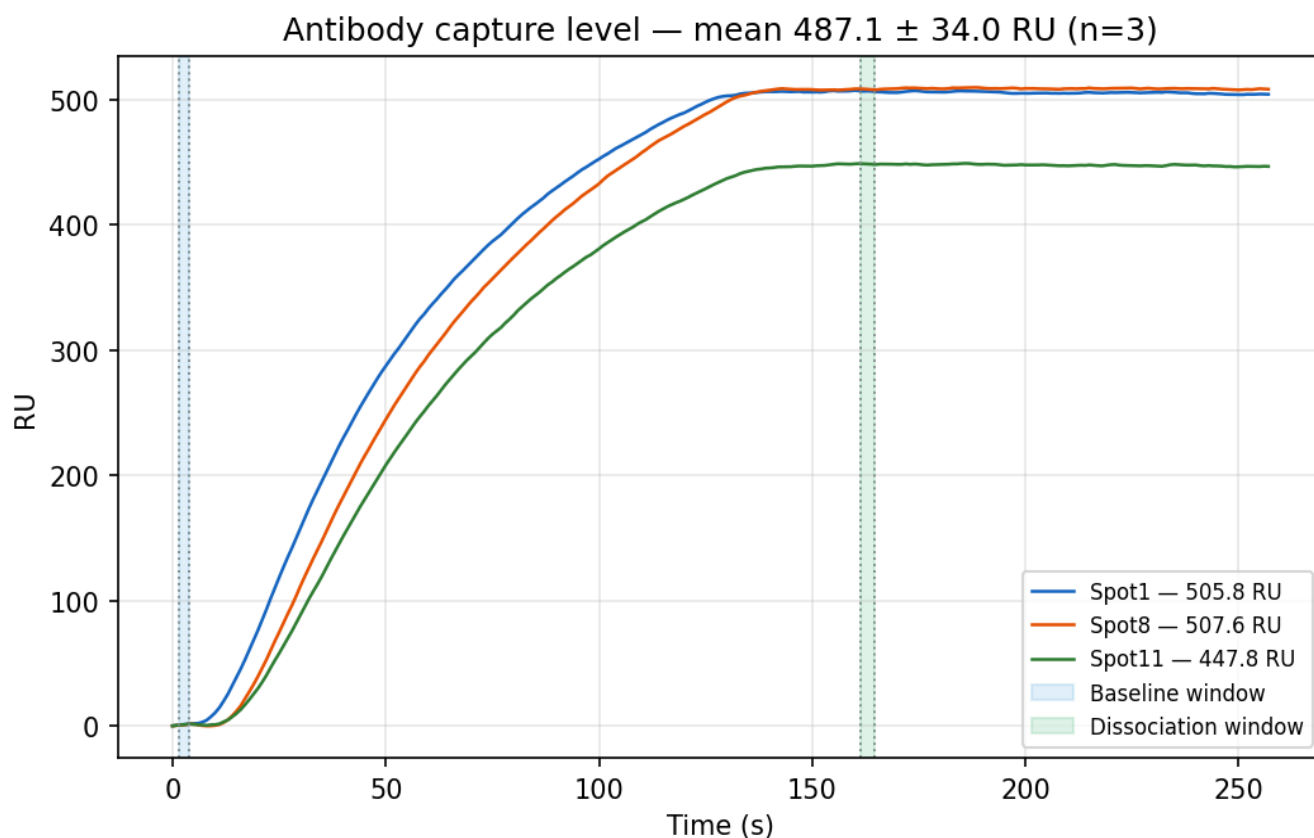
ProAGL Single Cycle Kinetics (1:1) Report

항목	내용
의뢰회사	-
의뢰인	-
분석회사	ICB
분석자	ALe
센서칩	ProAGL
장치명	PleX
러닝버퍼	1xPBST 7.4
리제너레이션버퍼	WO
고정화 방법	AC
고정화 버퍼	A4.0
고정화 농도	>100ug/ml
고정화 반응 시간	ON
고정화 반응 온도	-
유속	50ul/min
Association time	120
Dissociation time	600
분석물질	Trastuzumab_Her2
농도 구간	3.125, 6.25, 12.5, 25, 50, 100nM
분석 방법	SCK

Antibody Capture Level (Immobilization)

Windows: baseline 1.4–3.9 s, dissociation 161.3–164.7 s

Spot	Baseline (RU)	Dissociation (RU)	Immobilization Level (RU)
Spot1	1.1	506.9	505.8
Spot8	0.8	508.4	507.6
Spot11	0.9	448.7	447.8
Mean (n=3)	—	—	487.1 ± 34.0



Spot	k_a (1/Ms)	k_d (1/s)	KD (M)	Rmax	χ^2
Spot1	9.6e+04	4.1e-04	4.3e-09	48	0.01
Spot8	3.5e+04	5.8e-04	1.7e-08	55	0.02
Spot11	4.6e+04	6.1e-04	1.3e-08	48	0.01
Mean $\pm$ SD (n=3)	5.9e+04 $\pm$ 3.3e+04	5.3e-04 $\pm$ 1.1e-04	1.1e-08 $\pm$ 6.4e-09	50 $\pm$ 4	0.01 $\pm$ 0.00

ProAGL_SCK overlay — Spot 1 / Spot 8 / Spot 11
Mean KD=1.1e-08 $\pm$ 6.4e-09 M

