

FcRn Dual-pH Analysis Report

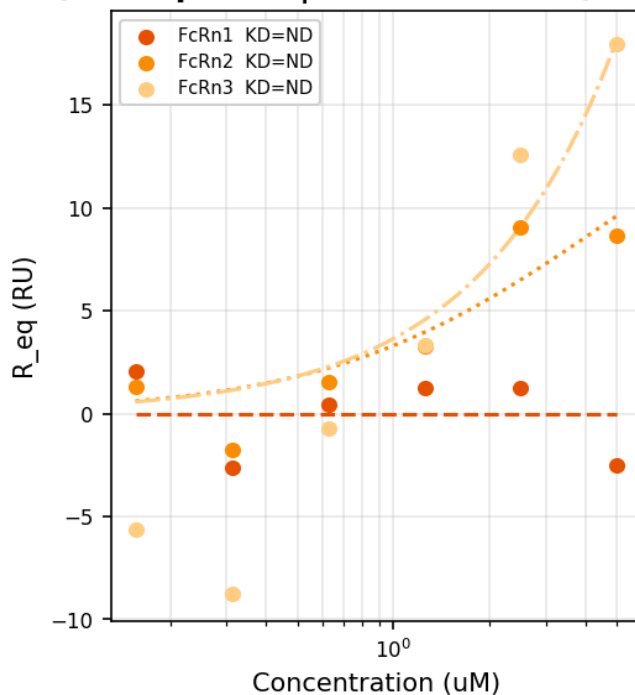
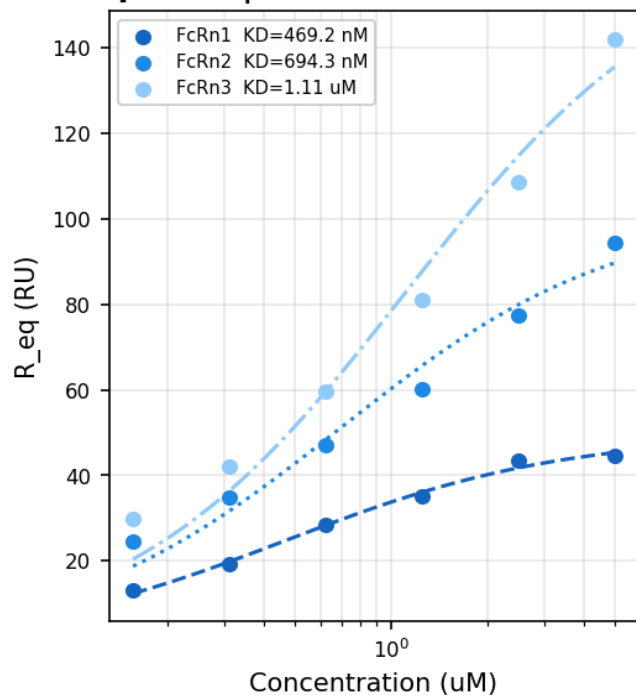
항목	내용
의뢰회사	-
의뢰인	-
분석회사	ICB
분석자	Alex
센서칩	FcRn
장치명	PleX
러닝버퍼	1xPBST 7.4
리제너레이션버퍼	WO
고정화 방법	AC
고정화 버퍼	A4.0
고정화 농도	>100ug/ml
고정화 반응 시간	ON
고정화 반응 온도	-
유속	50ul/min
Association time	120
Dissociation time	300
분석물질	Trastuzumab
농도 구간	156.25, 312.5, 625, 1250, 2500, 5000nM
분석 방법	KD

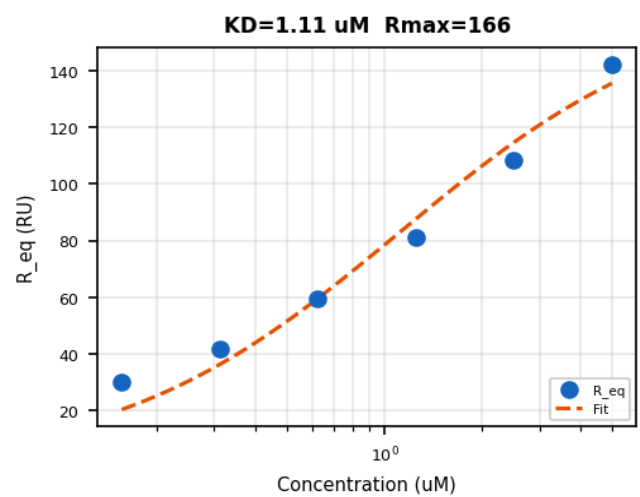
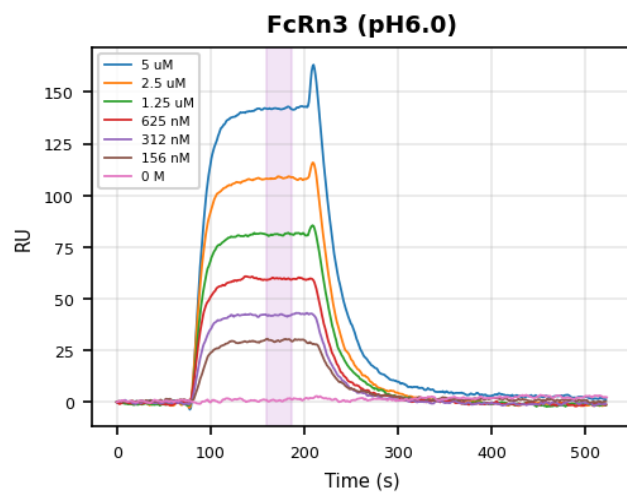
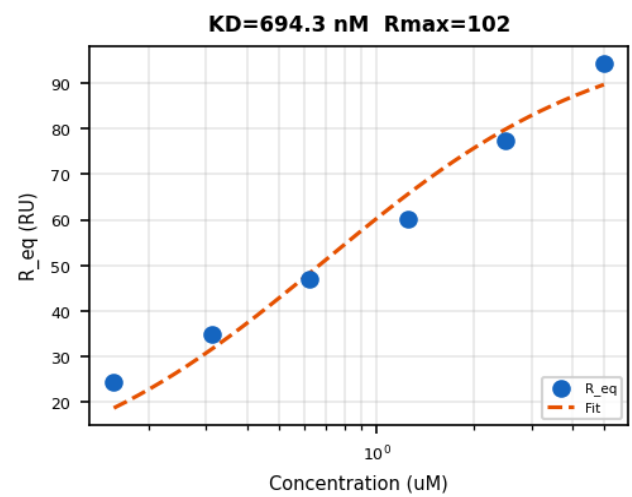
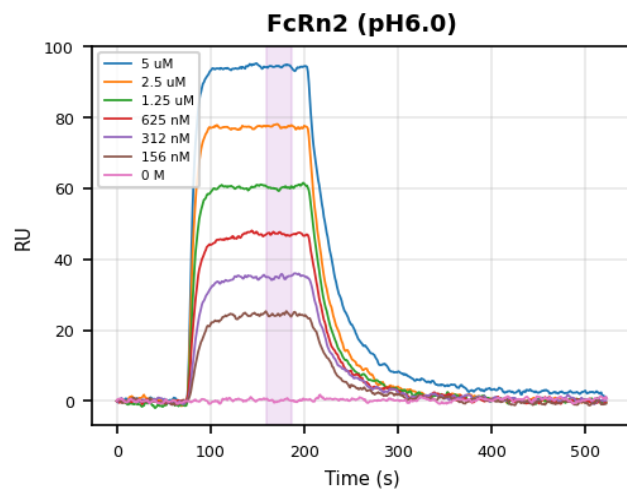
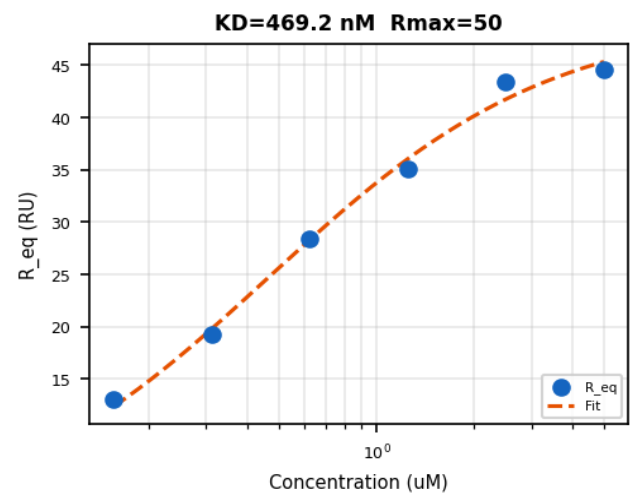
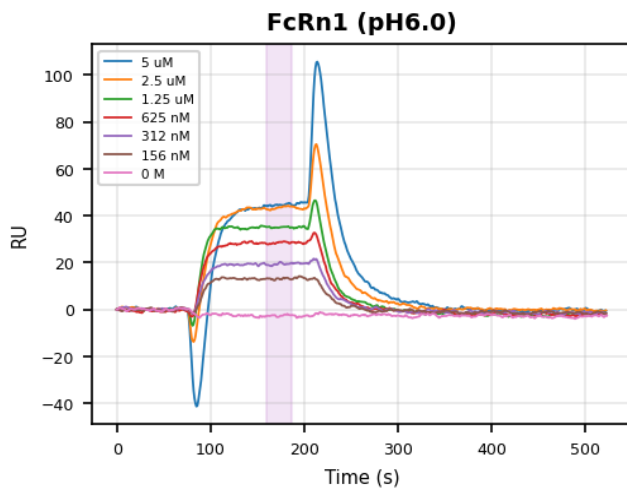
Spot	Rmax	KD	χ^2	R ²
FcRn1 (pH6.0)	50	469.2 nM	0.82	0.99
FcRn2 (pH6.0)	102	694.3 nM	17.27	0.97
FcRn3 (pH6.0)	166	1.11 uM	41.19	0.97
FcRn1 (pH7.4)	0	ND	3.47	-0.00
FcRn2 (pH7.4)	18	ND	2.91	0.81
FcRn3 (pH7.4)	130769423	ND	26.46	0.71

KD Mean by pH (arithmetic; ND excluded)

pH	KD1	KD2	KD3	KD_mean	n
pH6.0	469.2 nM	694.3 nM	1.11 uM	757.8 nM	3
pH7.4	ND	ND	ND	ND	0

FcRn pH6.0 | mean KD=757.8 nM (n=3) FcRn pH7.4 | mean KD=ND (n=0)



FcRn pH6.0 — replicates 1 / 2 / 3

FcRn pH7.4 — replicates 1 / 2 / 3