

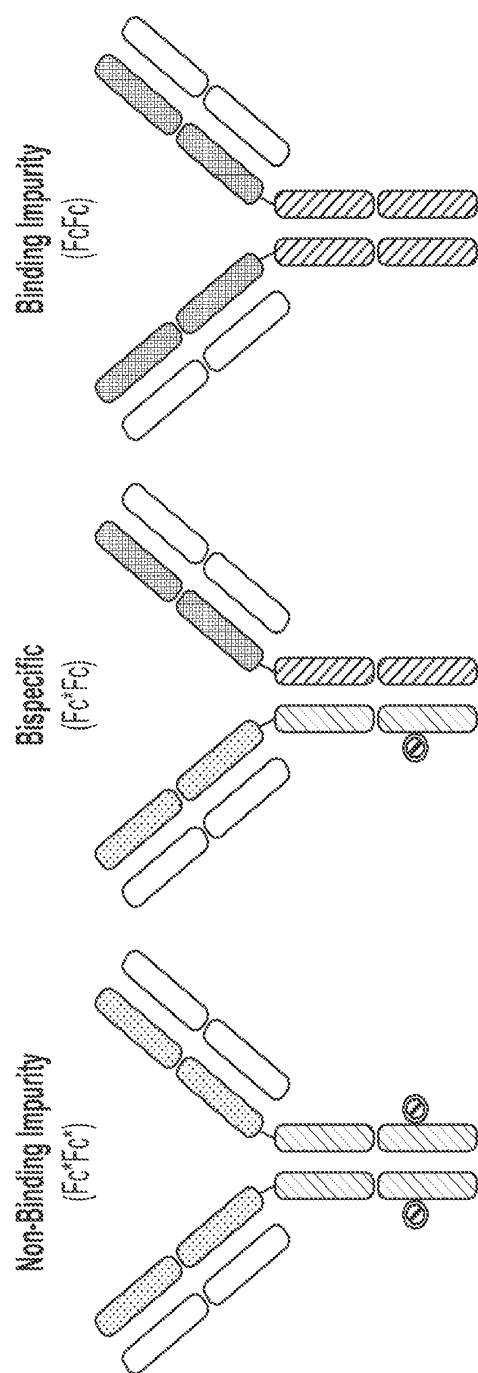


FIG. 1

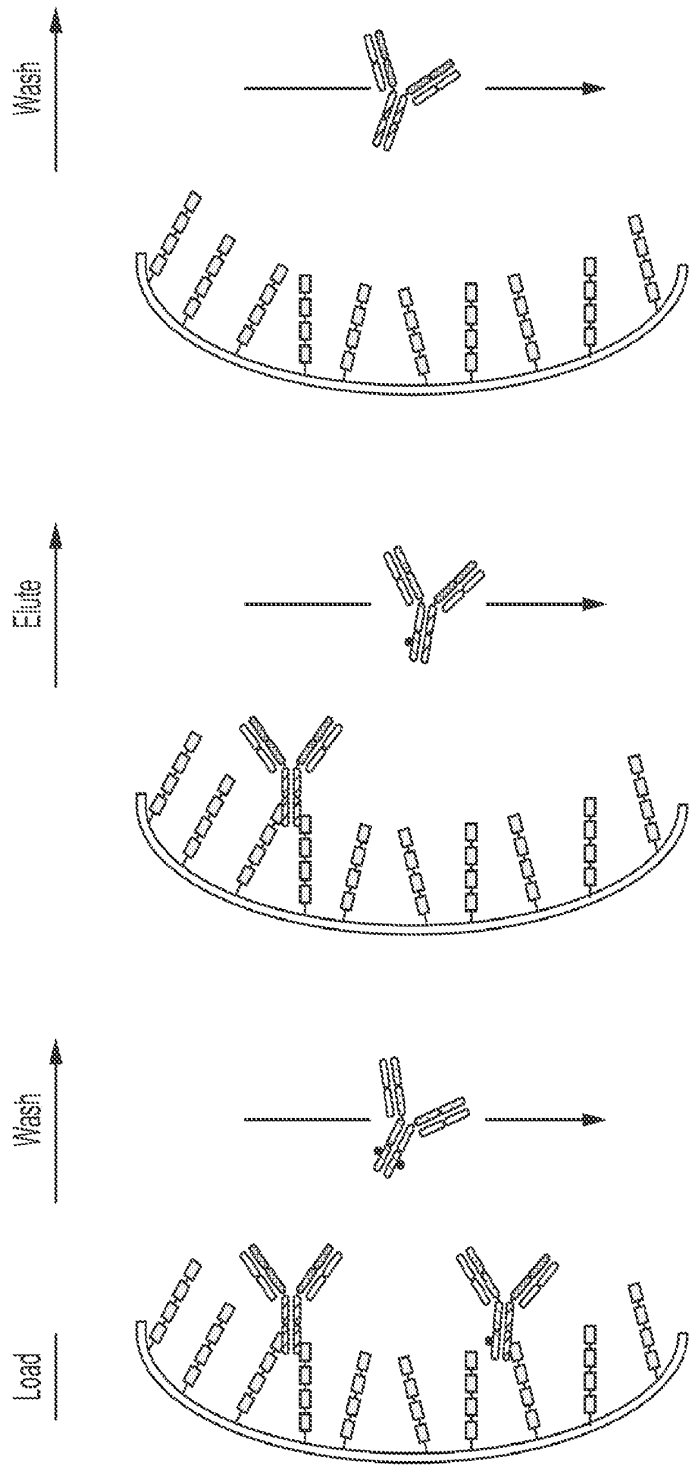


FIG. 2

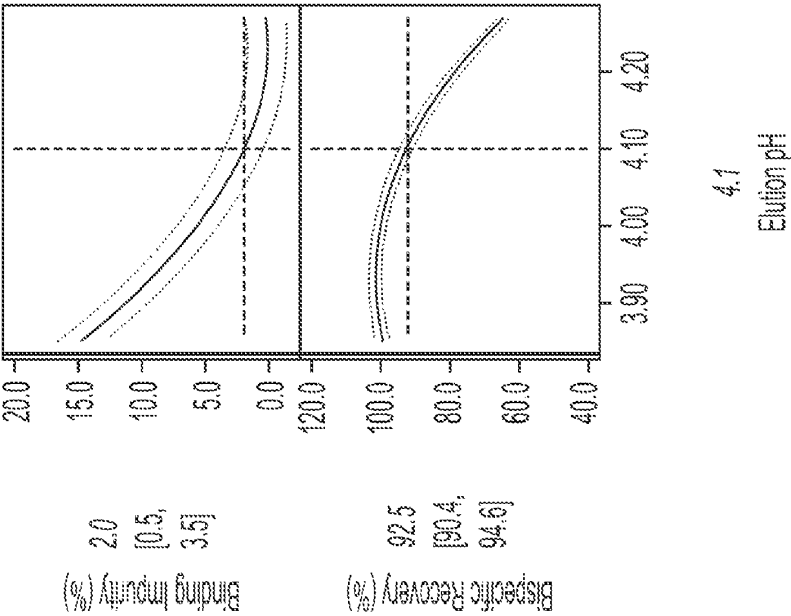


FIG. 3

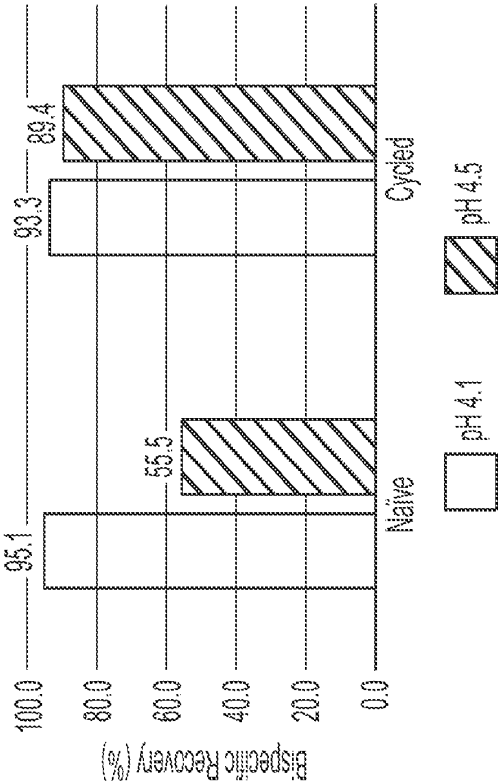


FIG. 4B

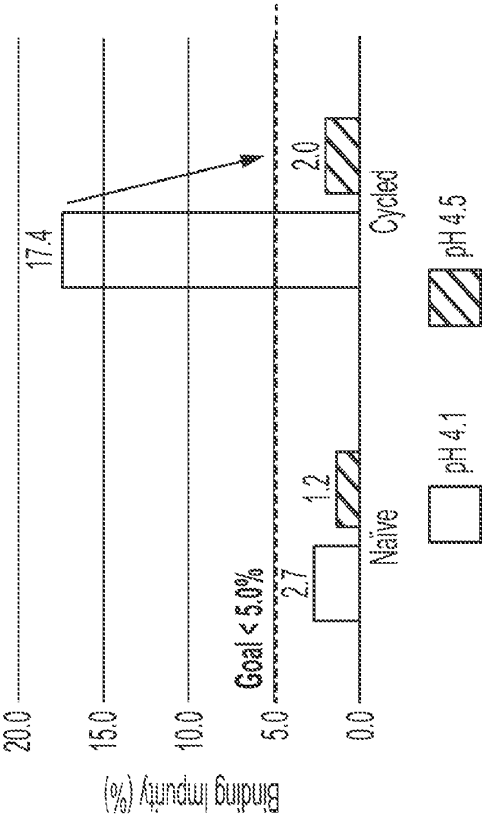


FIG. 4A

Power Analysis			
Significance Level	0.05		
Anticipated RMSE	1		
Term	Anticipated Coefficient		Power
Intercept	1		0.525
Resolve Elution pH	1		0.773
Column Loading (g/L)	1		0.772
Hydroxide Contact Time (hr)	1		0.743
Resolve Elution pH*Resolve Elution pH	1		0.289
Resolve Elution pH*Column Loading (g/L)	1		0.681
Column Loading (g/L)*Column Loading (g/L)	1		0.289
Resolve Elution pH*Hydroxide Contact Time (hr)	1		0.655
Column Loading (g/L)*Hydroxide Contact Time (hr)	1		0.655
Hydroxide Contact Time (hr)*Hydroxide Contact Time (hr)	1		0.247

FIG. 5A

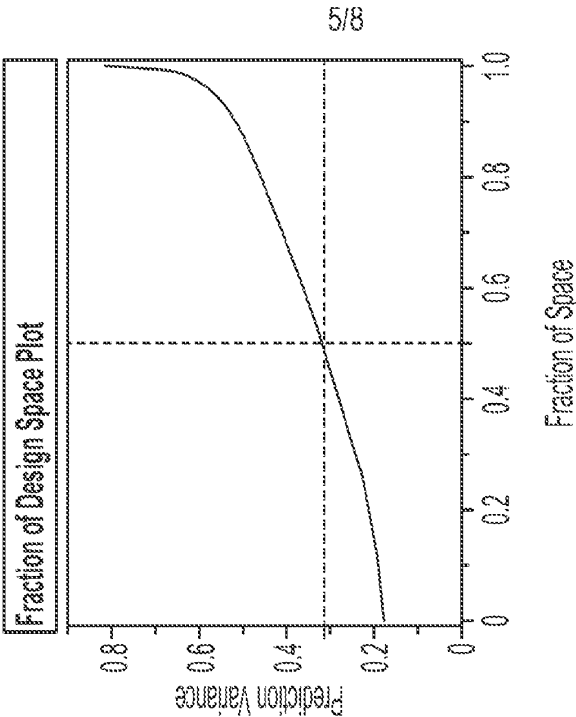
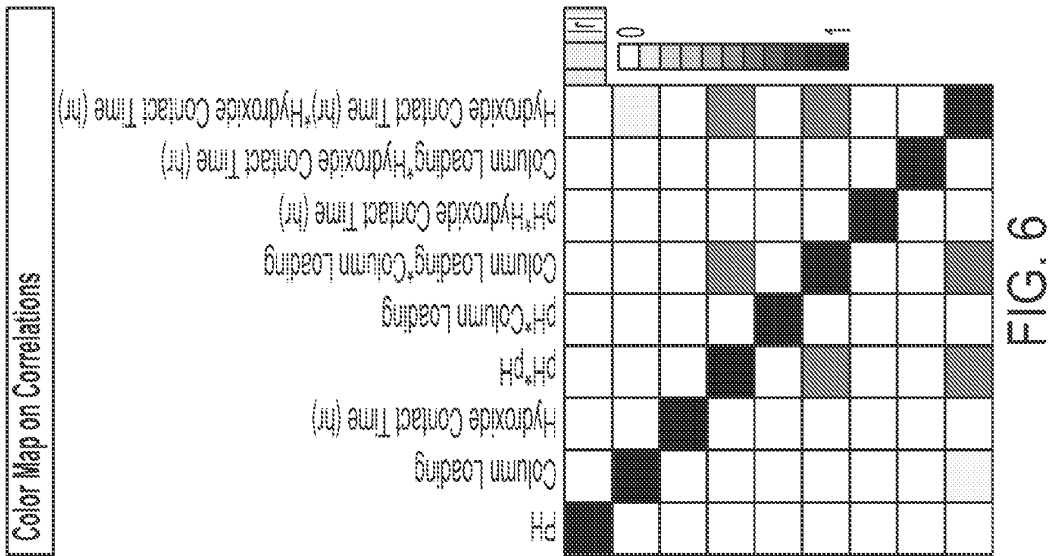


FIG. 5B



Effect	PH	Column Loading	Hydroxide Contact Time (hr)	pH*pH	pH*Column Loading	Column Loading* Column Loading	pH*Hydroxide Contact Time (hr)	Column Loading* Hydroxide Contact Time (hr)	Hydroxide Contact Time (hr)*Hydroxide Contact Time (hr)
PH	1	0	0.0019208	0	0	0	0.002133902	0.002132783	0.02998511
Column Loading	0	1	0	0	0	0	0.002133902	0.017062263	0.054560238
Hydroxide Contact Time (hr)	0.001921	0	1	0.021658	0.002147507	0.000704	0.021320862	0.038836002	0.024438458
pH*pH	0	0	0.0216576	1	0	0.514286	0.001369302	0.003323702	0.539073007
pH*Column Loading	0	0	0.0021475	0	1	0	0.002385775	0.002384524	0.005984197
Column Loading* Column Loading	0	0	0.0007043	0.514286	0	1	0.005281592	0	0.541135873
pH*Hydroxide Contact Time (hr)	0.002134	0.002134	0.0213209	0.001369	0.002385775	0.005282	1	0.00423257	0.011352856
Column Loading* Hydroxide Contact Time (hr)	0.002133	0.017062	0.038836	0.003324	0.002384524	0	0.00423257	1	0.009346036
Hydroxide Contact Time (hr)*Hydroxide Contact Time (hr)	0.029985	0.05456	0.0244385	0.539073	0.005984197	0.541136	0.011352856	0.009346036	1

FIG. 6
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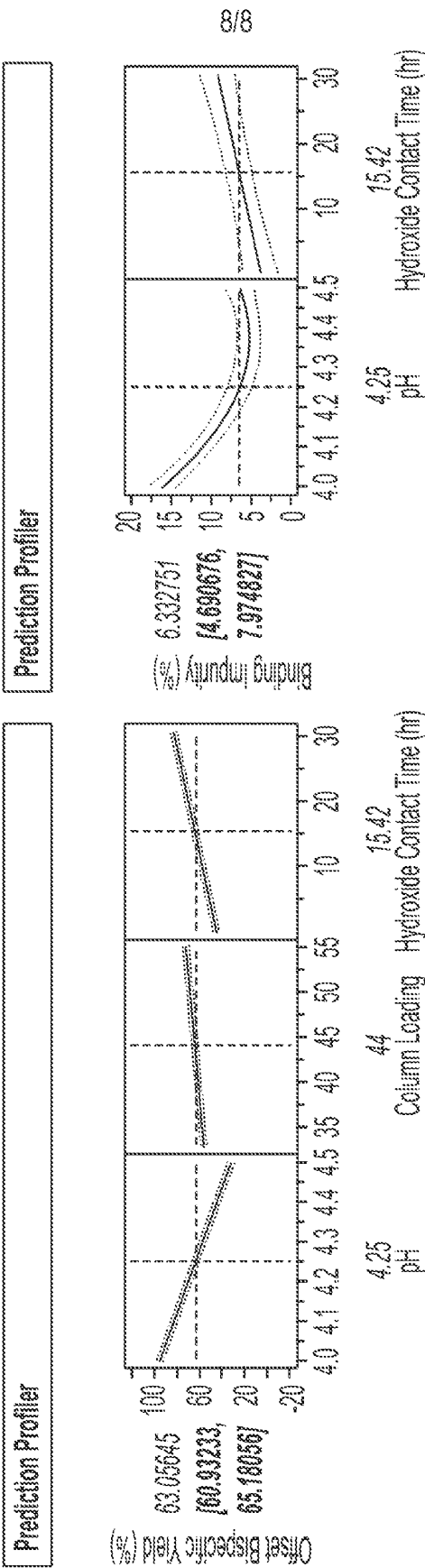


FIG. 7A

FIG. 7B