

FIGURES

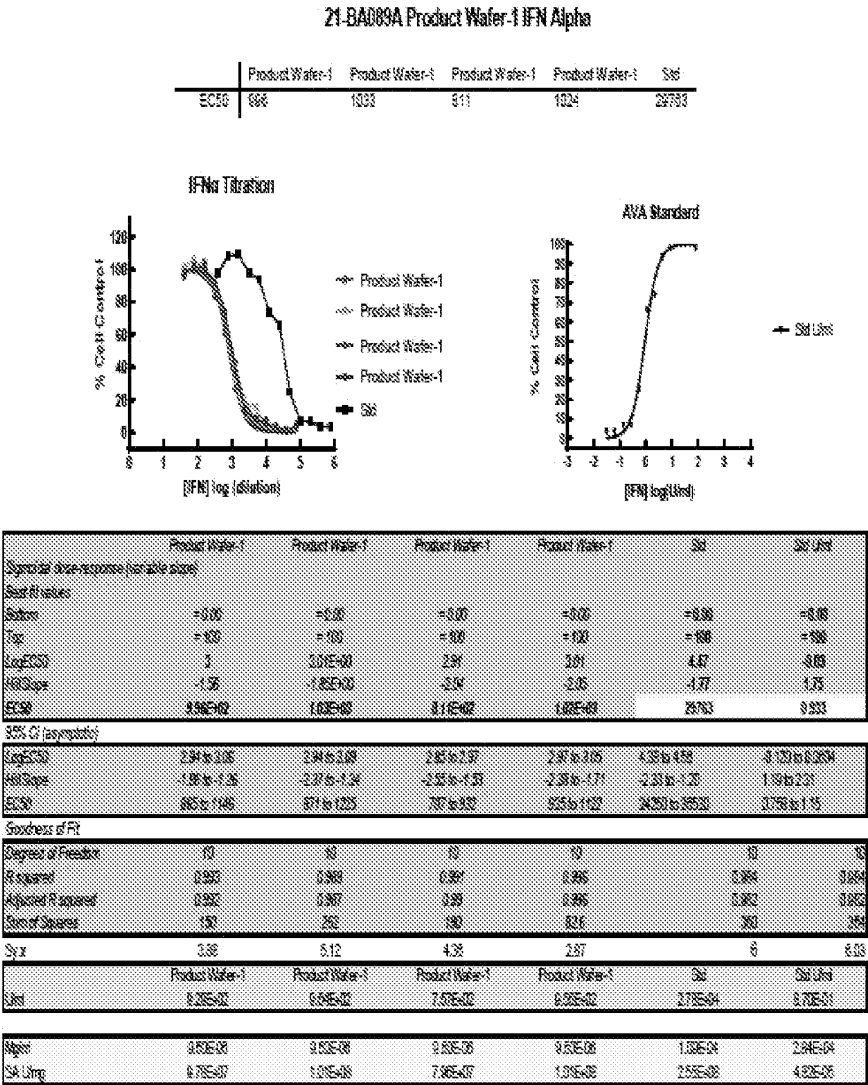
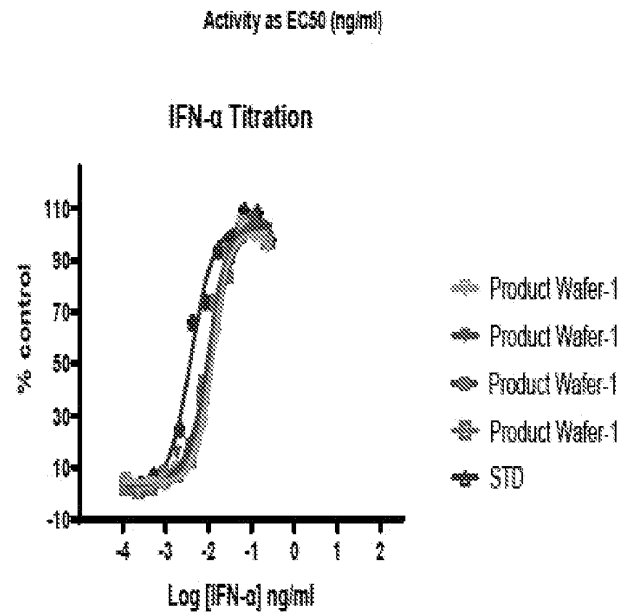


FIGURE 1



	Product Wafer-1	Product Wafer-1	Product Wafer-1	Product Wafer-1	STD
Sigmoidal dose-response (variable slope)					
Best fit values					
Bottom	3.312	4.558	4.581	3.362	5.418
Top	104.2	104.9	103.7	103.7	103.4
LogEC50	-1.585	-1.581	-1.503	-2.013	-2.437
HillSlope	1.535	1.582	2.277	2.194	1.855
EC50	0.01355	0.01044	0.01251	0.009695	0.003820
95% CI (profile likelihood)					
Bottom	-5.2597 to 5.697	-3.7559 to 5.507	0.9274 to 8.057	1.237 to 5.498	-8.253 to 10.57
Top	98.31 to 109.8	99.25 to 111.4	95.97 to 105.3	98.03 to 103.4	96.85 to 112.5
LogEC50	-2.035 to -1.566	-2.355 to -1.303	-1.952 to -1.545	-2.047 to -1.980	-2.538 to -2.270
HillSlope	1.257 to 1.852	1.393 to 2.634	1.788 to 3.035	1.862 to 2.563	1.570 to 2.771
EC50	0.006332 to 0.01385	0.009813 to 0.01235	0.01082 to 0.01433	0.009672 to 0.01048	0.002913 to 0.006359
Goodness of Fit					
Degrees of Freedom	8	8	8	8	8
R squared	0.9985	0.9945	0.9955	0.9985	0.9959
Sum of Squares	64.83	118.7	83.43	28.72	311.5
Sy.x	2.947	3.651	3.382	1.625	6.340

FIGURE 2

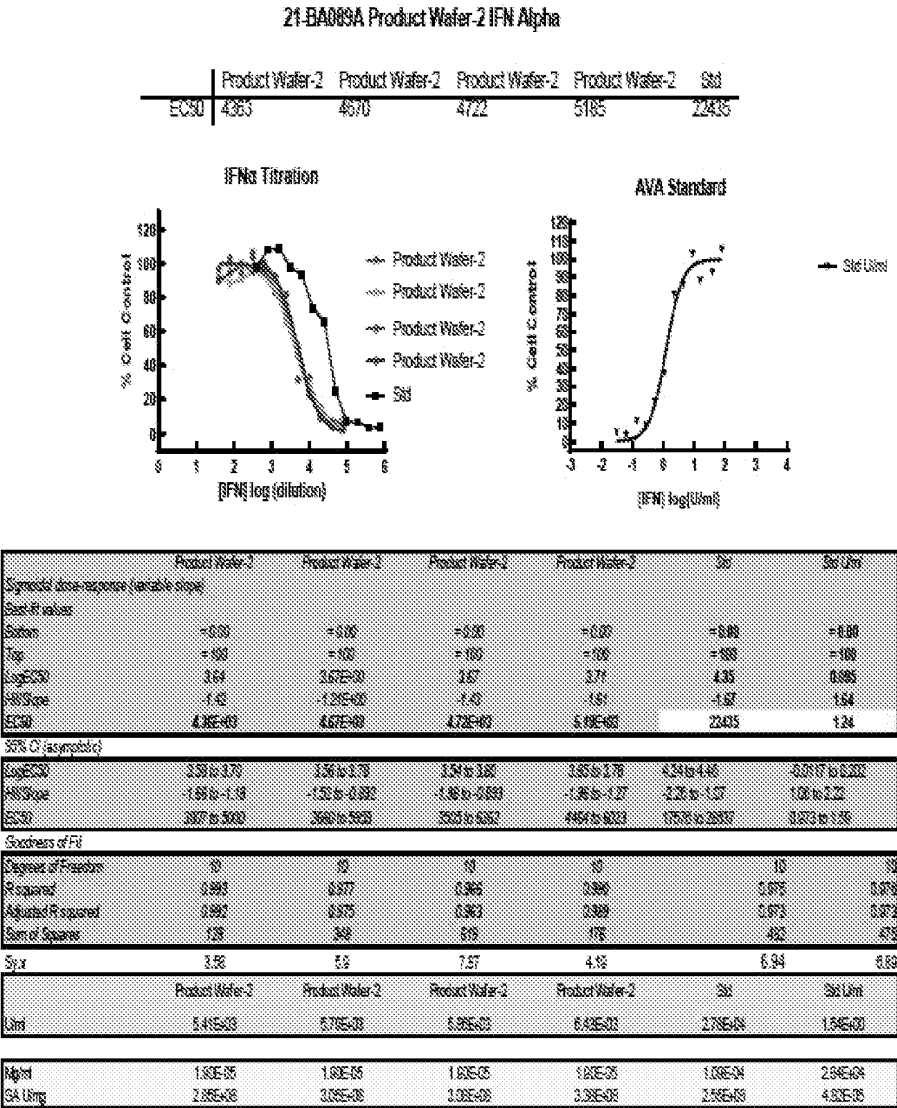
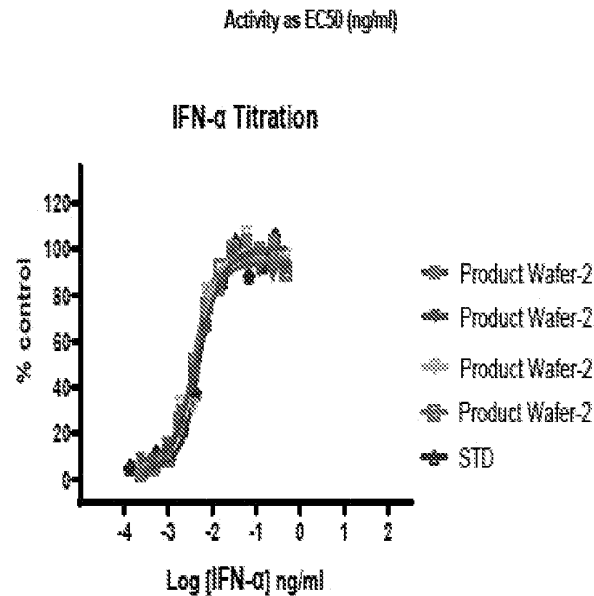


FIGURE 3



	Product Wafer-2	Product Wafer-2	Product Wafer-2	Product Wafer-2	STD
Sigmoidal dose-response (variable slope)					
Best-fit values					
Bottom	0.8553	7.433	0.784	4.531	0.818
Top	100.5	94.17	100.2	96.23	97.12
LogEC50	-2.328	-2.378	-2.336	-2.428	-2.288
HillSlope	1.424	1.031	1.714	1.843	2.383
EC50	0.004288	0.004191	0.004598	0.003647	0.005188
95% CI (profile likelihood)					
Bottom	-0.550 to 8.171	-3.817 to 15.81	-47.55 to 25.57	-1.694 to 6.894	-2.882 to 15.02
Top	95.75 to 105.3	86.36 to 96.72	91.94 to 111.0	92.55 to 99.59	89.53 to 105.8
LogEC50	-2.498 to -2.257	-2.620 to -2.281	-2.803 to -2.152	-2.612 to -2.397	-2.415 to -2.166
HillSlope	1.070 to 1.801	0.128 to 2.399	0.667 to 6.025	1.013 to 2.543	1.274 to 5.248
EC50	0.003403 to 0.005528	0.003015 to 0.006639	0.002497 to 0.007951	0.003076 to 0.004266	0.003049 to 0.008794
Goodness of Fit					
Degrees of Freedom	8	8	8	8	8
R squared	0.9822	0.9877	0.8895	0.9248	0.9823
Sums of Squares	125.9	105.2	580.8	61.22	348.0
Syx	3.967	4.812	6.371	3.377	6.577

FIGURE 4

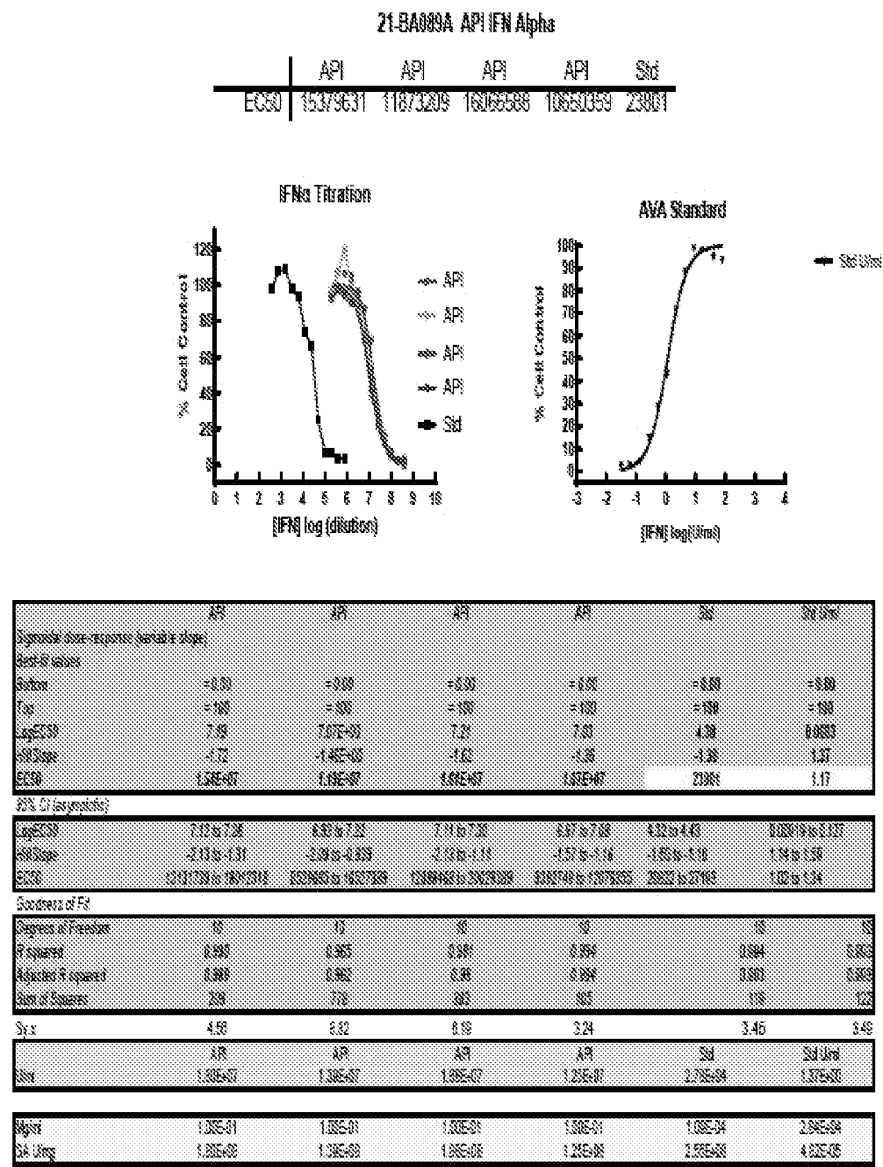


FIGURE 5

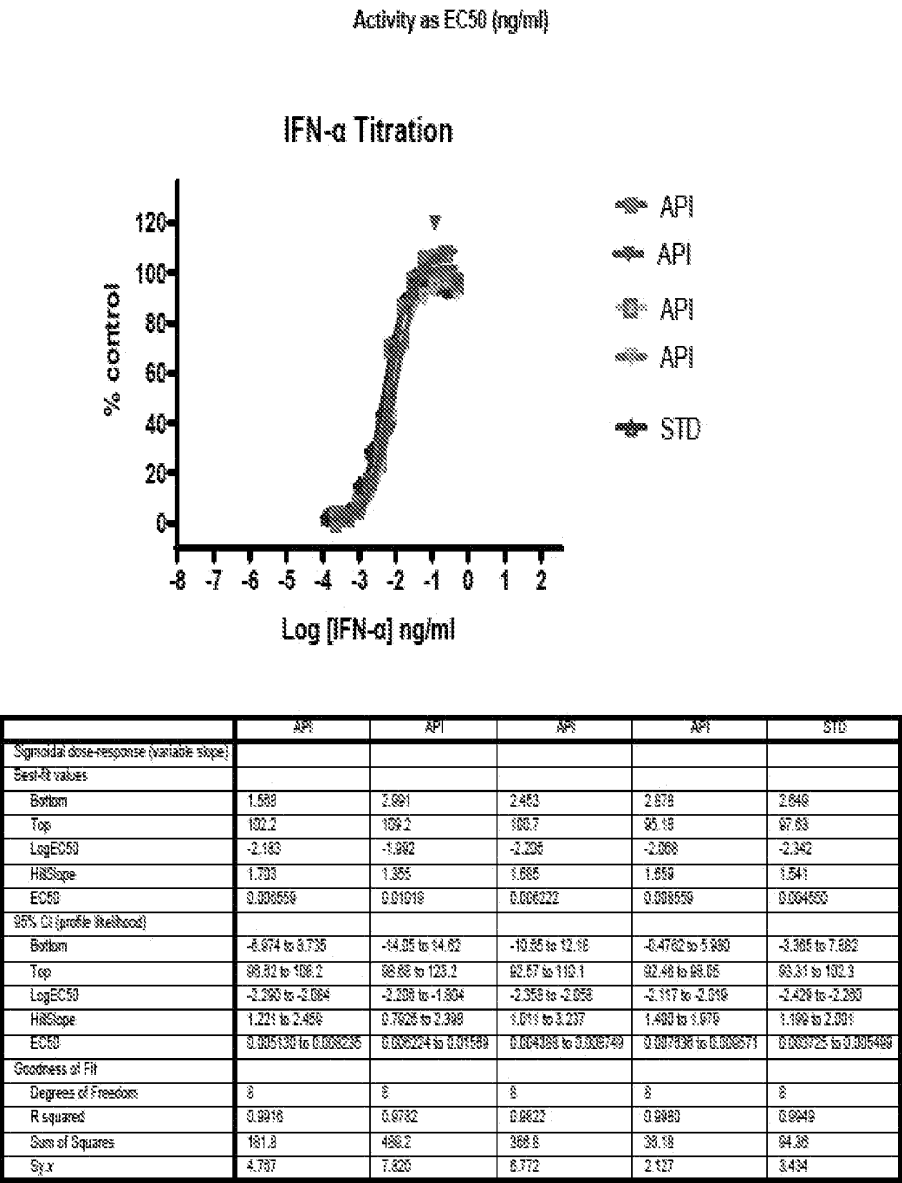


FIGURE 6

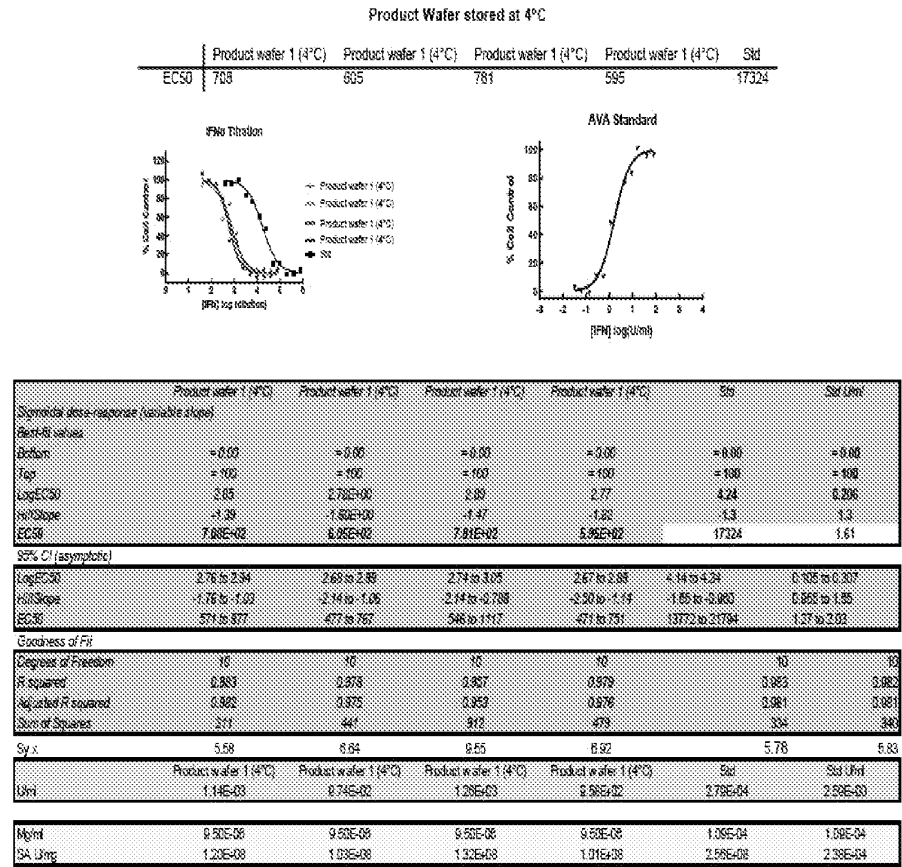


FIGURE 7

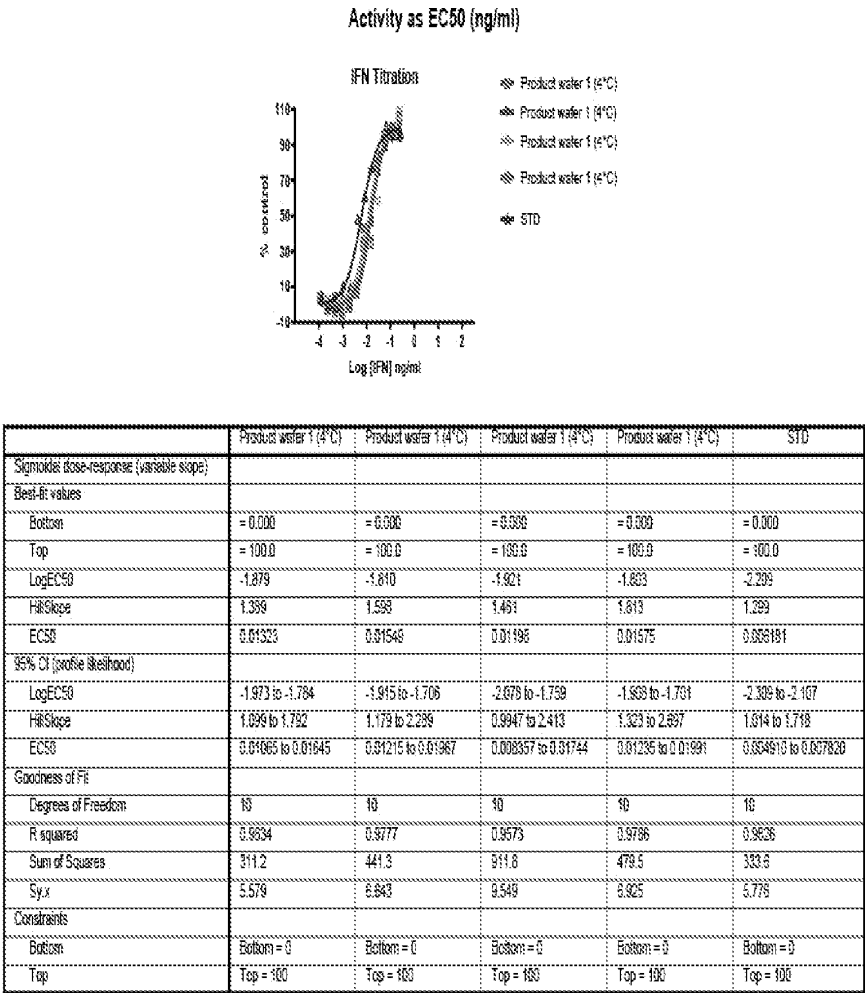


FIGURE 8

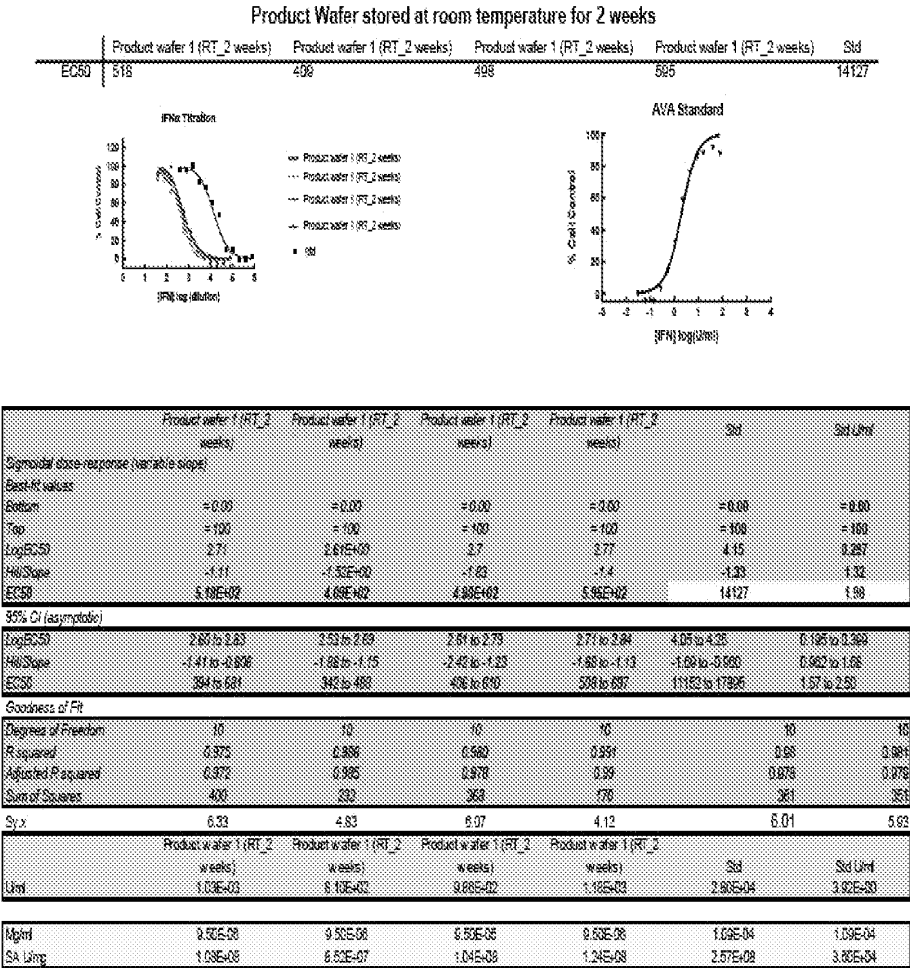


FIGURE 9

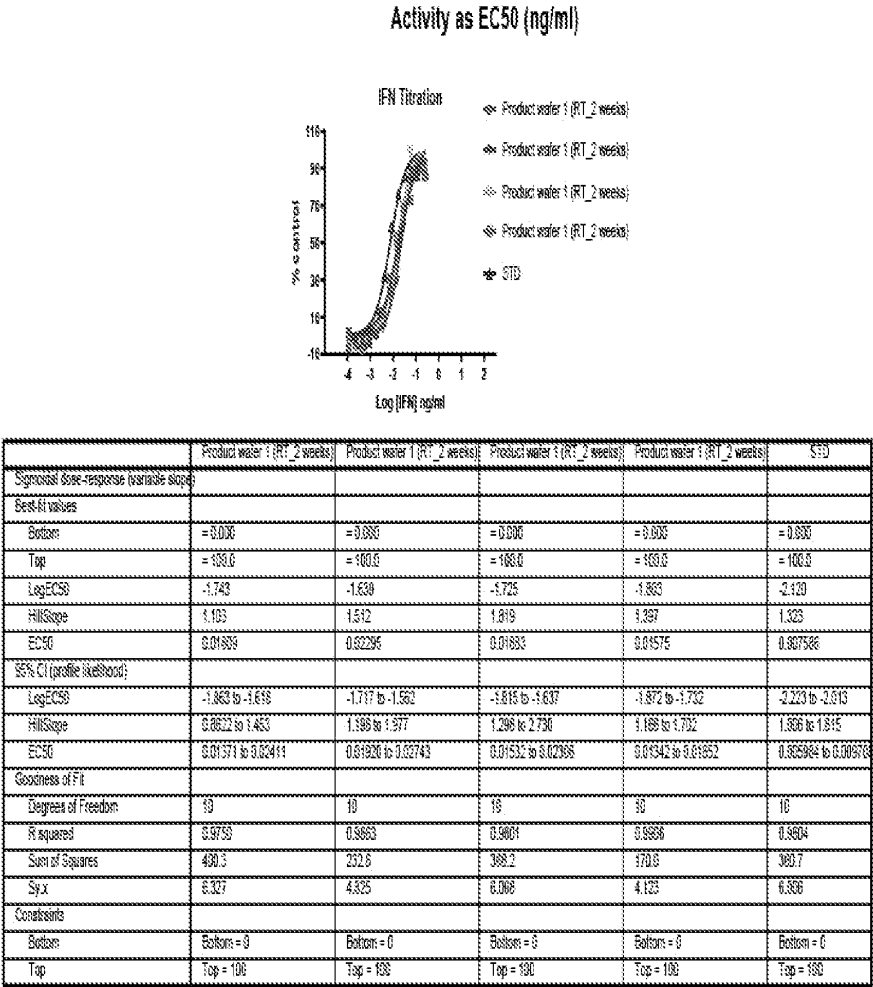


FIGURE 10

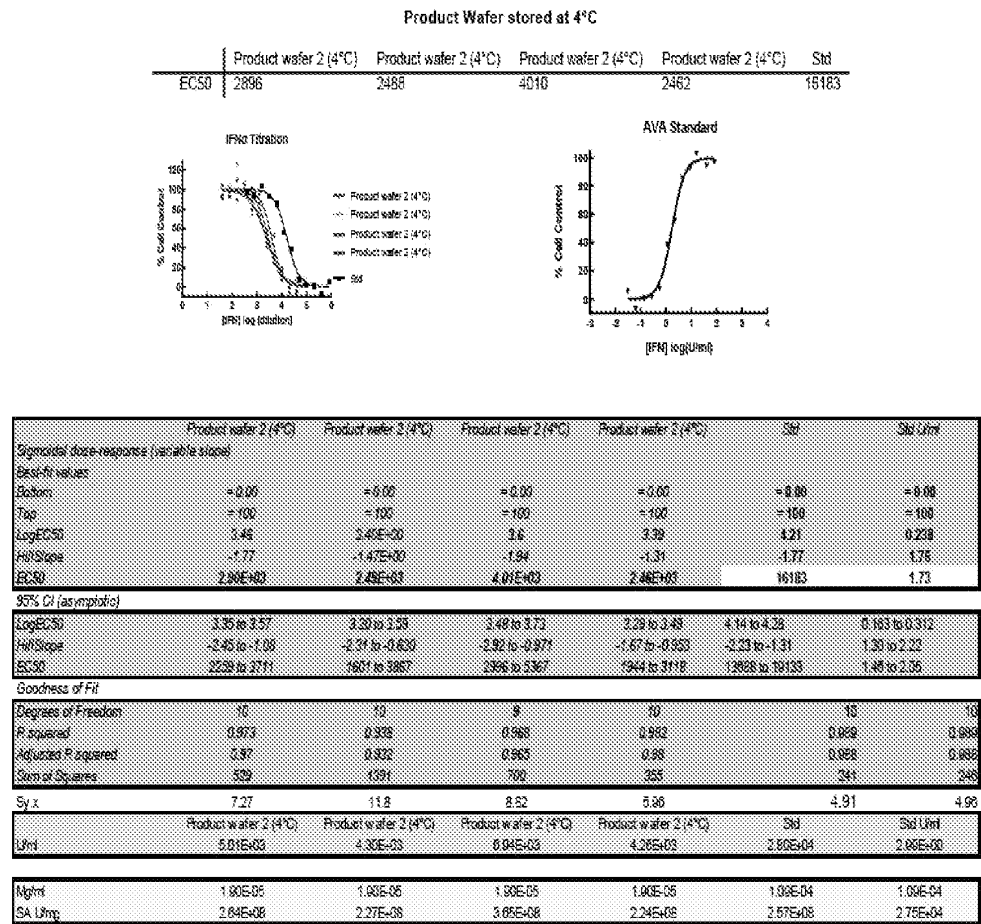
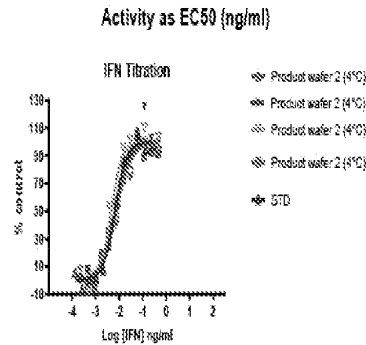


FIGURE 11



	Product water 2 (4°C)	Product water 2 (4°C)	Product water 2 (4°C)	Product water 2 (4°C)	STD
Sigmoidal dose-response (variable slope)					
Best-fit values					
Bottom	= 0.000	= 0.000	= 0.000	= 0.000	= 0.000
Top	= 100.0	= 100.0	= 100.0	= 100.0	= 100.0
LogEC50	-2.191	-2.125	-2.333	-2.121	-2.179
HillSlope	1.761	1.467	1.934	1.366	1.761
EC50	0.004435	0.007463	0.004941	0.007573	0.006219
95% CI (profile likelihood)					
LogEC50	-2.301 to -2.084	-2.339 to -1.932	-2.462 to -2.202	-2.224 to -2.017	-2.253 to -2.106
HillSlope	1.210 to 2.796	0.9117 to 2.866	1.260 to 3.359	1.024 to 1.712	1.397 to 2.271
EC50	0.004999 to 0.006247	0.004805 to 0.01189	0.003450 to 0.036260	0.002565 to 0.009527	0.002508 to 0.007945
Goodness of Fit					
Degrees of Freedom	10	10	8	10	10
R squared	0.9732	0.9332	0.9683	0.9616	0.9681
Sum of Squares	526.6	1391	700.4	355.3	240.7
Sy x	7.270	11.79	6.822	5.961	4.826
Constraints					
Bottom	Bottom = 0	Bottom = 0	Bottom = 0	Bottom = 0	Bottom = 0
Top	Top = 100	Top = 100	Top = 100	Top = 100	Top = 100

FIGURE 12

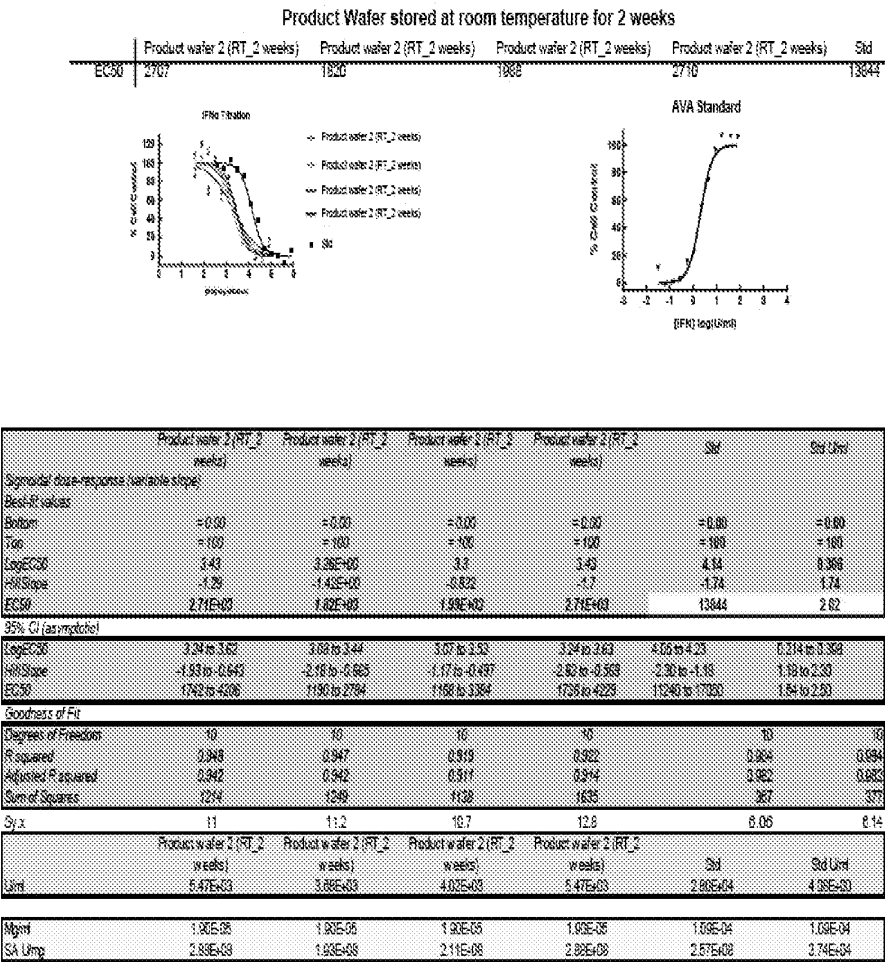
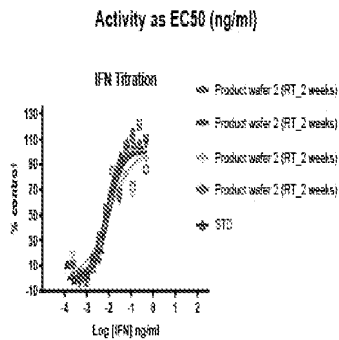


FIGURE 13



	Product wafer 2 (RT_2 weeks)	Product wafer 2 (RT_2 weeks)	Product wafer 2 (RT_2 weeks)	Product wafer 2 (RT_2 weeks)	STD
Sigmoidal dose-response (variable slope)					
Peak-to-peak values					
Bottom	= 0.000	= 0.000	= 0.000	= 0.000	= 0.000
Top	= 100.0	= 100.0	= 100.0	= 100.0	= 100.0
LogEC50	-2.182	-1.650	-2.028	-2.183	-2.111
HillSlope	1.261	1.418	0.6280	1.662	1.735
EC50	0.003888	0.04525	0.009388	0.005879	0.007742
95% CI (profile likelihood)					
LogEC50	-2.355 to -1.989	-2.175 to -1.600	-2.258 to -1.780	-2.357 to -1.989	-2.294 to -2.020
HillSlope	0.8949 to 2.052	0.8333 to 2.409	0.5518 to 1.358	0.6020 to 4.062	1.312 to 2.413
EC50	0.004382 to 0.01021	0.009037 to 0.01555	0.006423 to 0.01822	0.004597 to 0.01380	0.006821 to 0.009751
Goodness of Fit					
Degrees of Freedom	10	10	10	10	10
R squared	0.9478	0.9488	0.8193	0.9217	0.9340
Sum of Squares	0.214	0.240	1.135	0.235	0.873
Sy.x	11.02	11.87	16.87	12.79	8.083
Constraints					
Bottom	Bottom = 0	Bottom = 0	Bottom = 0	Bottom = 0	Bottom = 0
Top	Top = 100	Top = 100	Top = 100	Top = 100	Top = 100

FIGURE 14

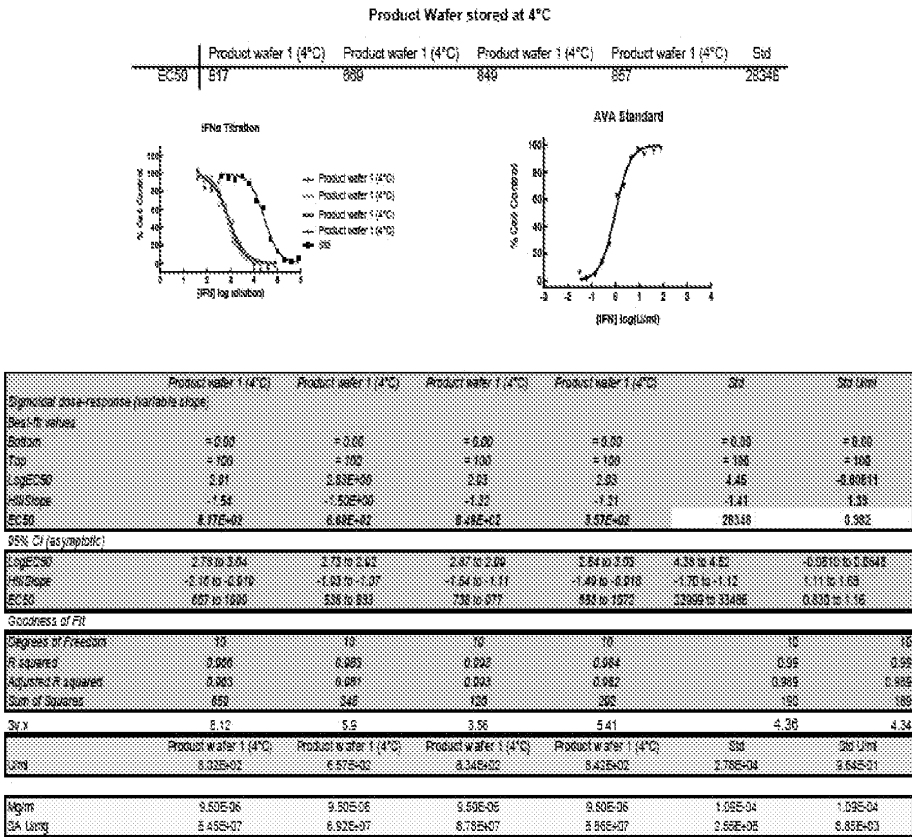


FIGURE 15

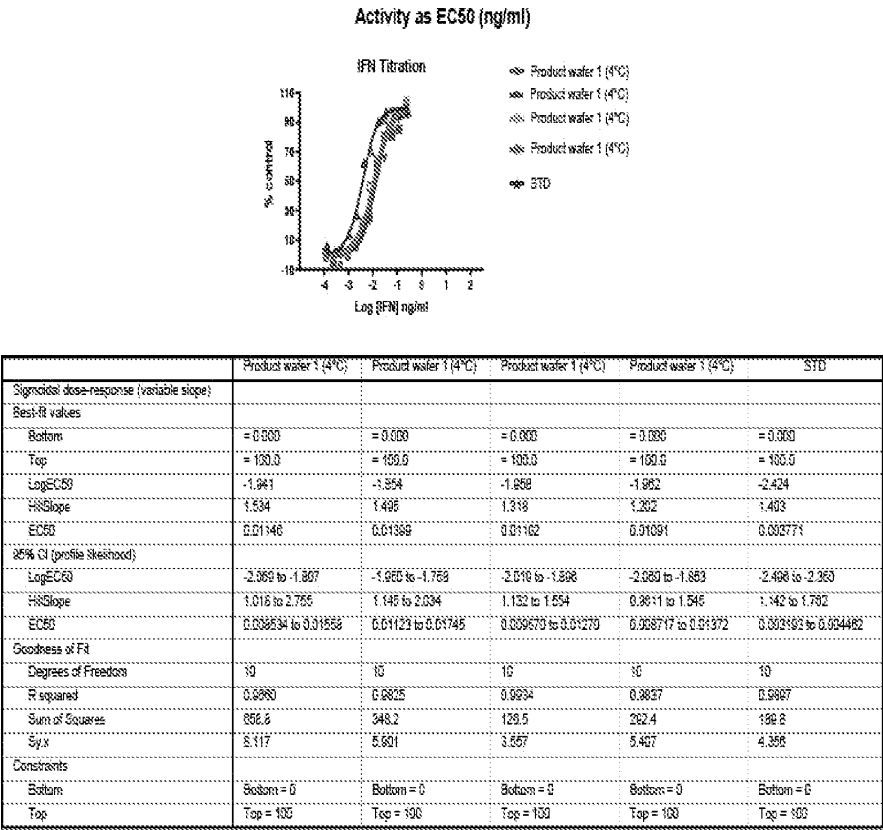


FIGURE 16

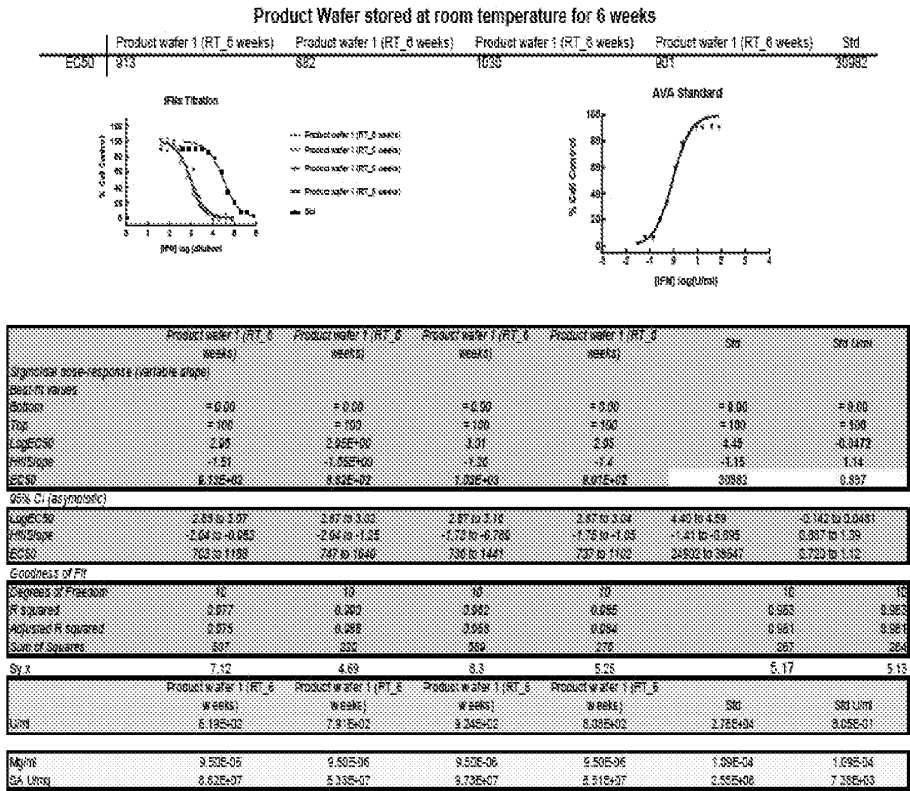


FIGURE 17

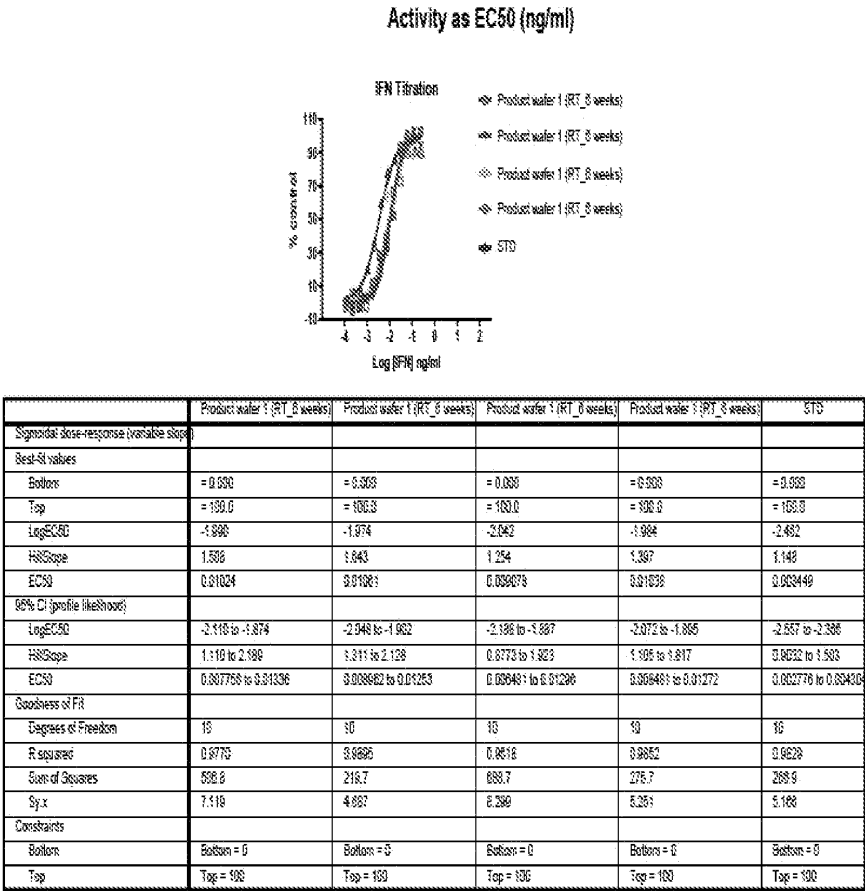


FIGURE 18

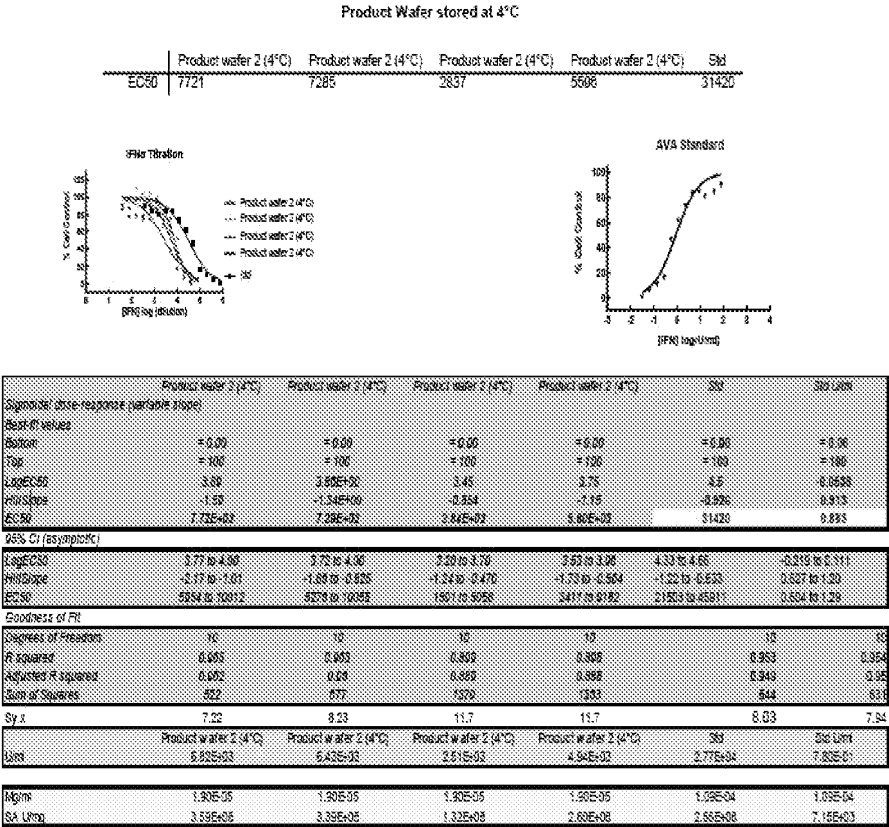


FIGURE 19

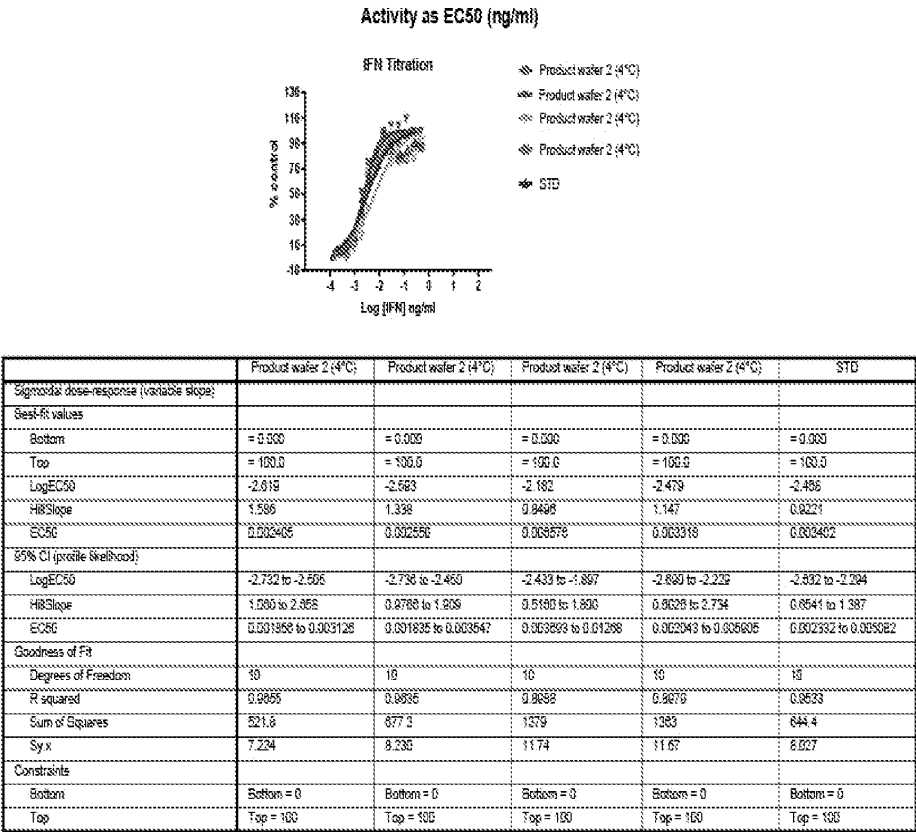


FIGURE 20

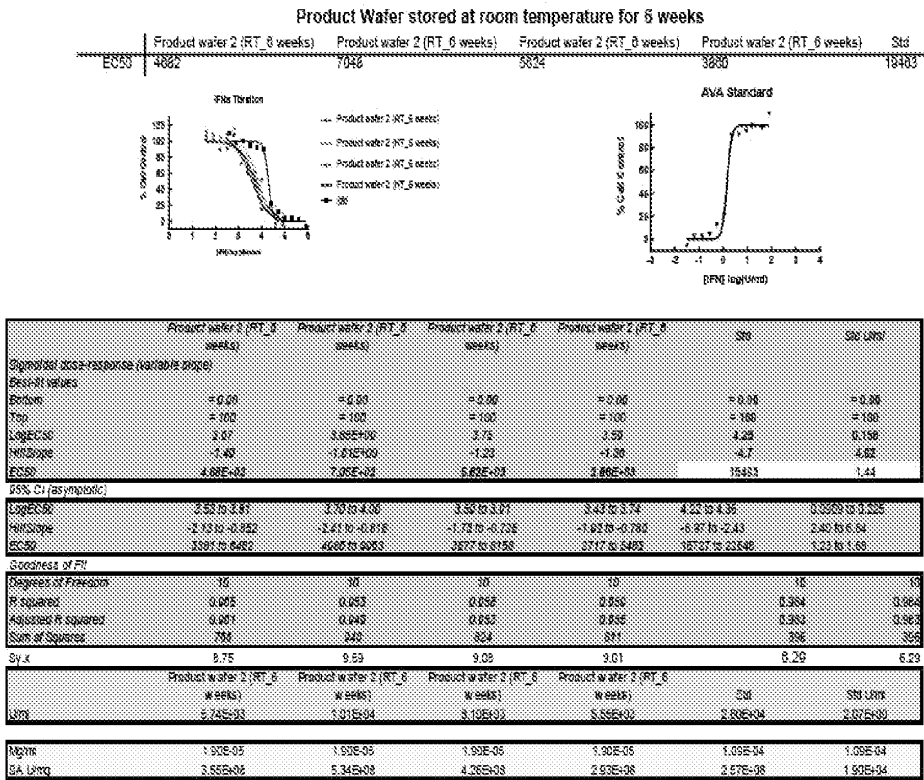


FIGURE 21

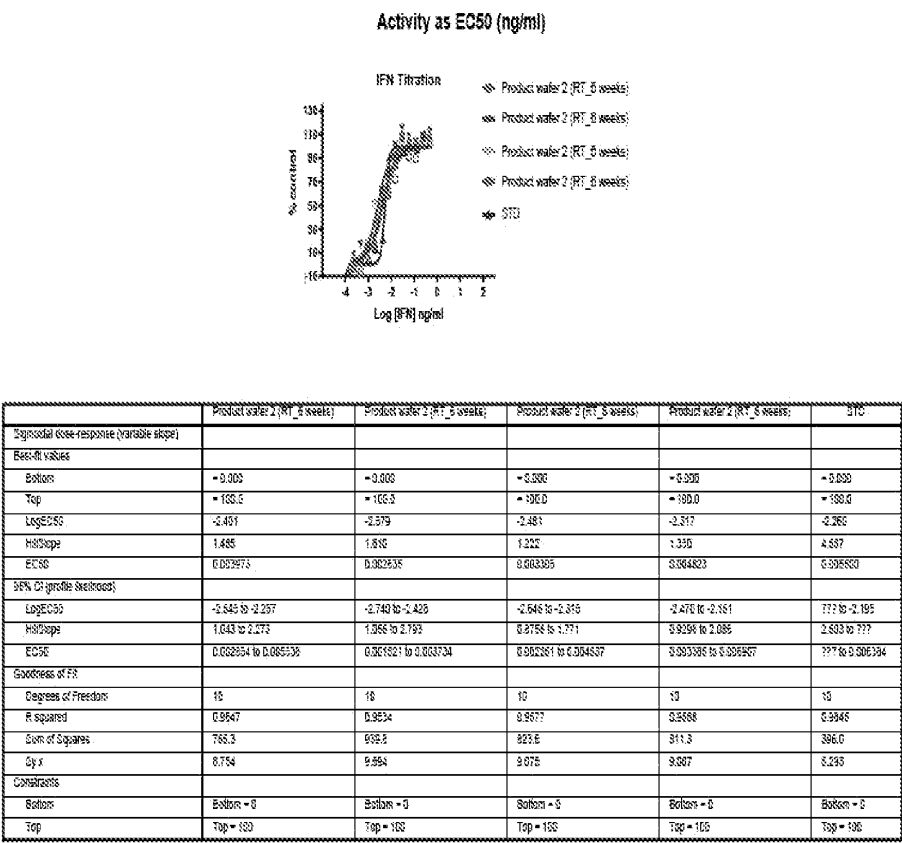


FIGURE 22

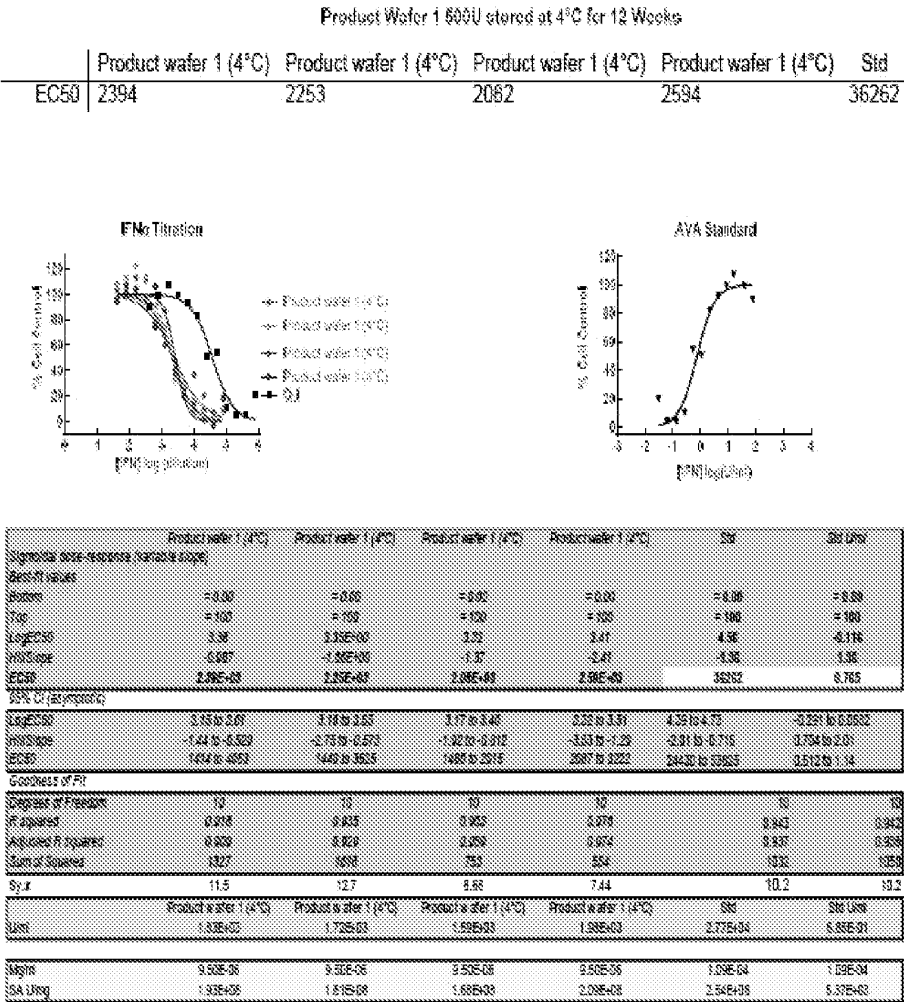


FIGURE 23

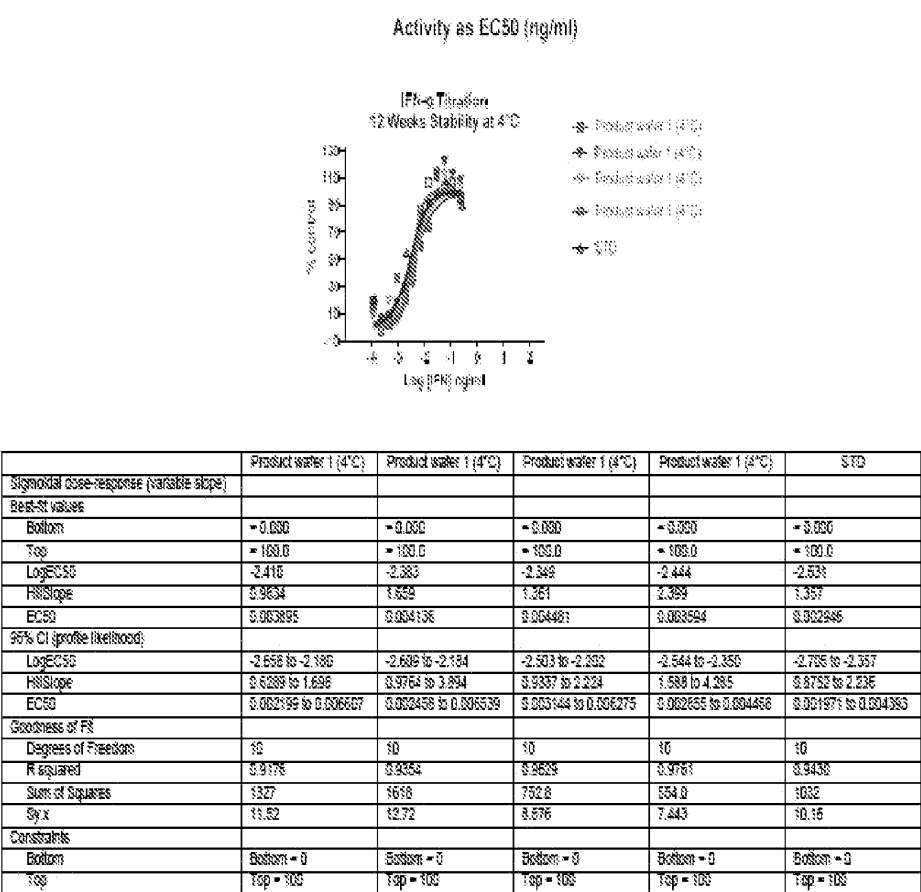


FIGURE 24

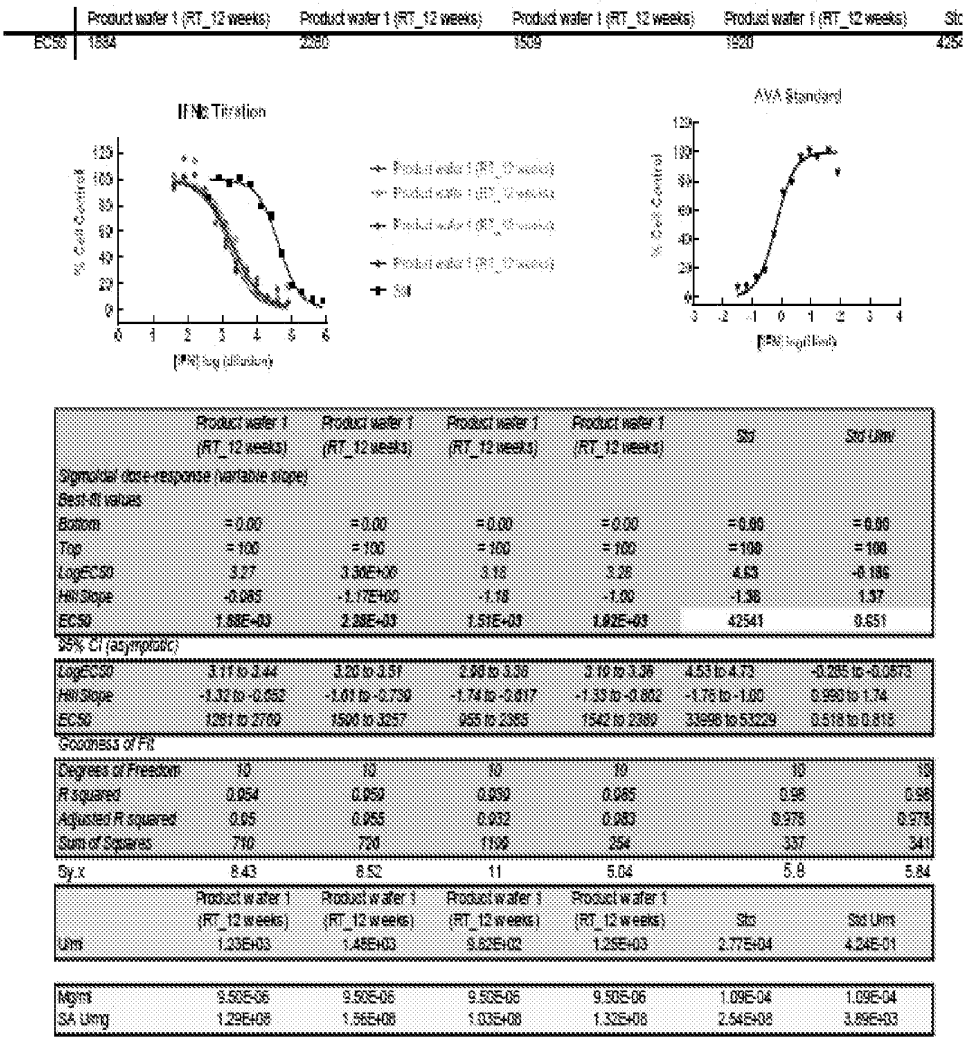
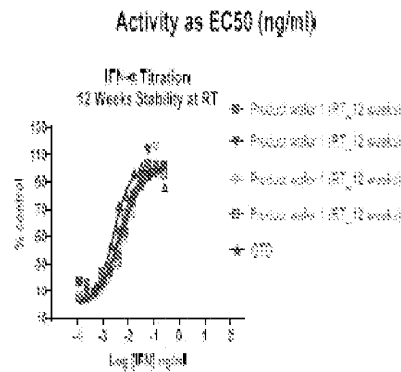


FIGURE 25



	Product water 1 (RT, 12 weeks)	Product water 1 (RT, 12 weeks)	Product water 1 (RT, 12 weeks)	Product water 1 (RT, 12 weeks)	STD
Symptical dose-response (variable slope)					
Best fit values					
Bottom	= 0.000	= 0.000	= 0.000	= 0.000	= 0.000
Top	= 100.0	= 100.0	= 100.0	= 100.0	= 100.0
LogEC50	-2.508	-2.508	-2.508	-2.513	-2.638
HillSlope	0.9619	1.169	1.174	1.090	1.575
EC50	0.004053	0.004030	0.004105	0.004063	0.002510
95% CI gaussian (shellhood)					
LogEC50	-2.485 to -2.137	-2.549 to -2.230	-2.427 to -2.005	-2.410 to -2.218	-2.689 to -2.503
HillSlope	0.5907 to 1.409	0.6036 to 1.762	0.7699 to 1.802	0.6039 to 1.378	1.048 to 1.589
EC50	0.002276 to 0.007099	0.002827 to 0.005890	0.003747 to 0.008687	0.003891 to 0.006048	0.002002 to 0.003140
Goodness of Fit					
Degrees of Freedom	10	10	10	10	10
R squared	0.9643	0.9690	0.9706	0.9849	0.9692
Sum of Squares	709.6	726.6	1199	234.3	336.7
Syx	8.425	8.518	10.95	5.043	5.603
Constraints					
Bottom	Bottom = 0	Bottom = 0	Bottom = 0	Bottom = 0	Bottom = 0
Top	Top = 100	Top = 100	Top = 100	Top = 100	Top = 100

FIGURE 26

Product Wafer 2 1000U stored at 4°C for 12-weeks

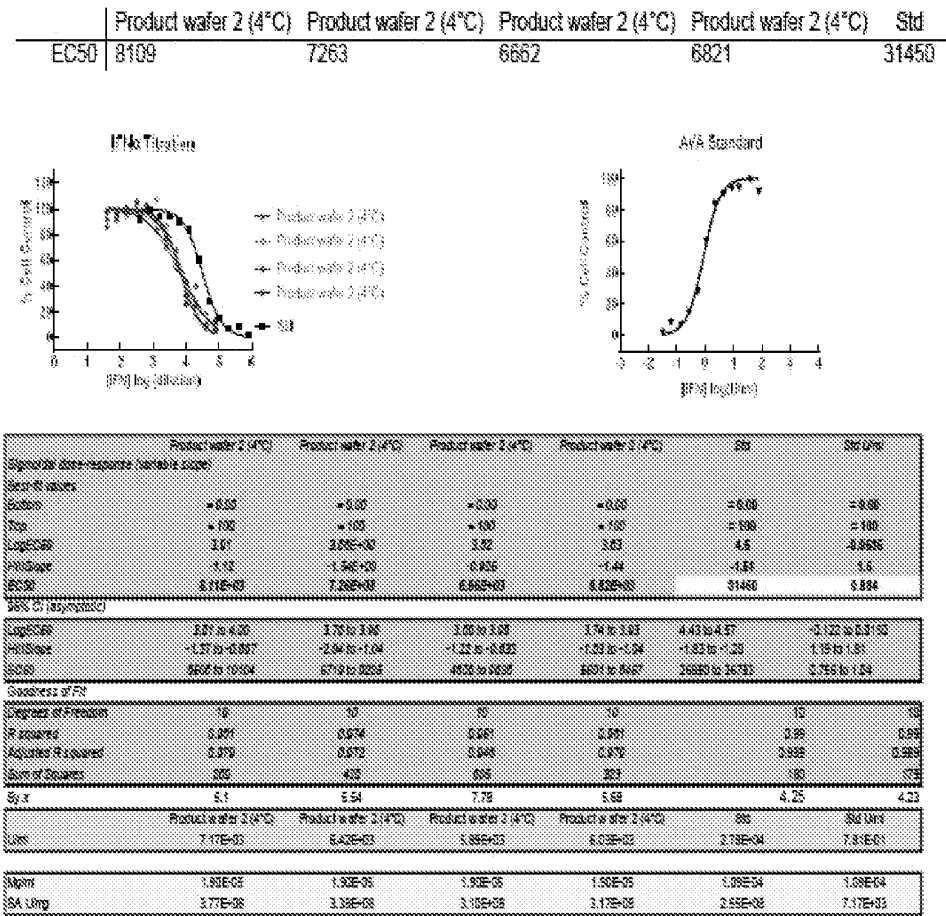


FIGURE 27

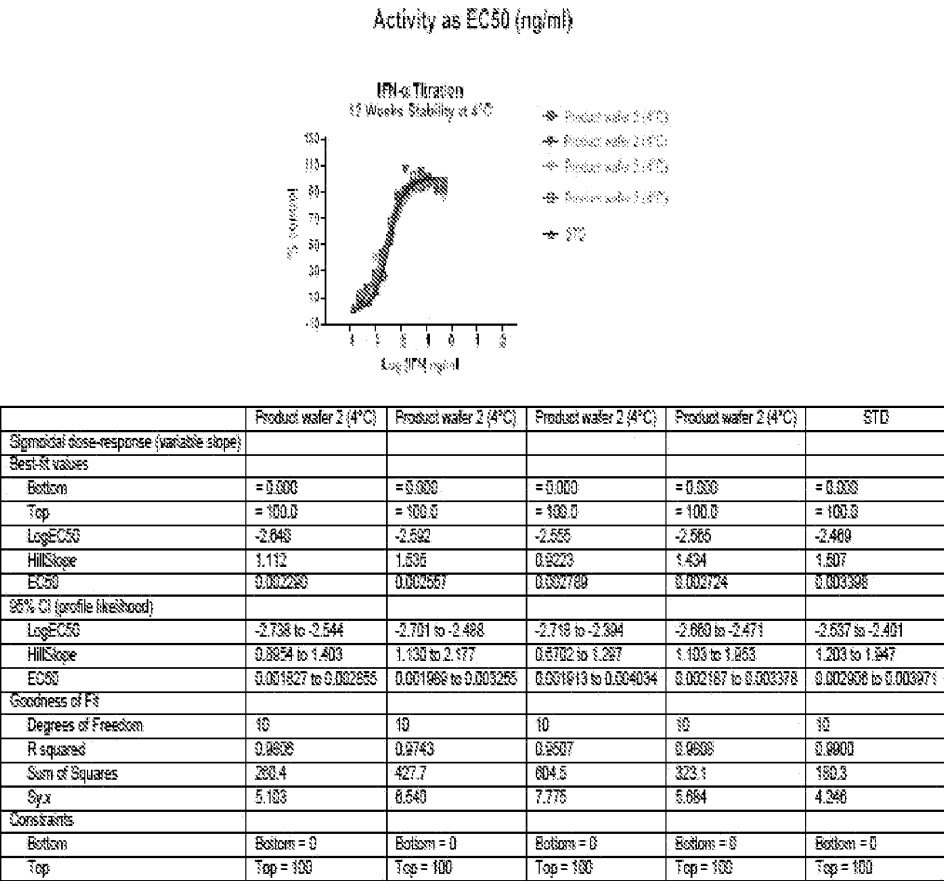


FIGURE 28

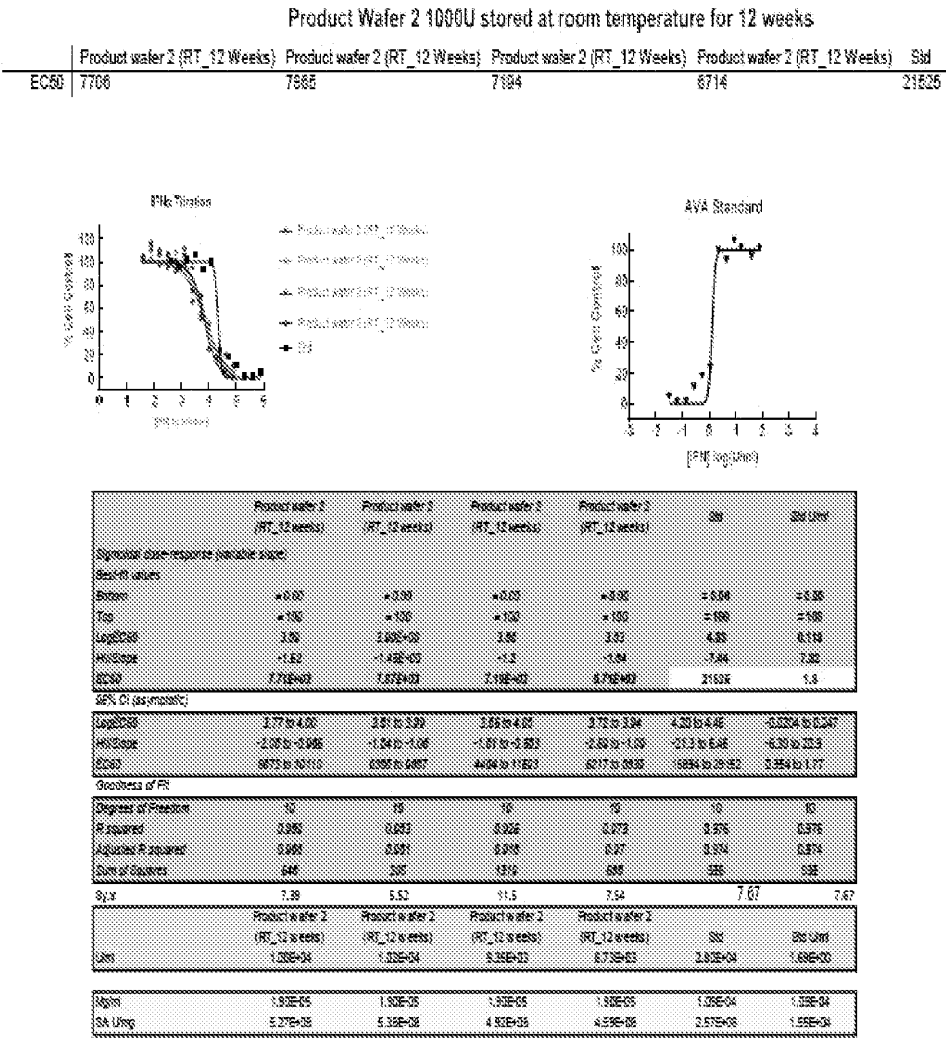


FIGURE 29

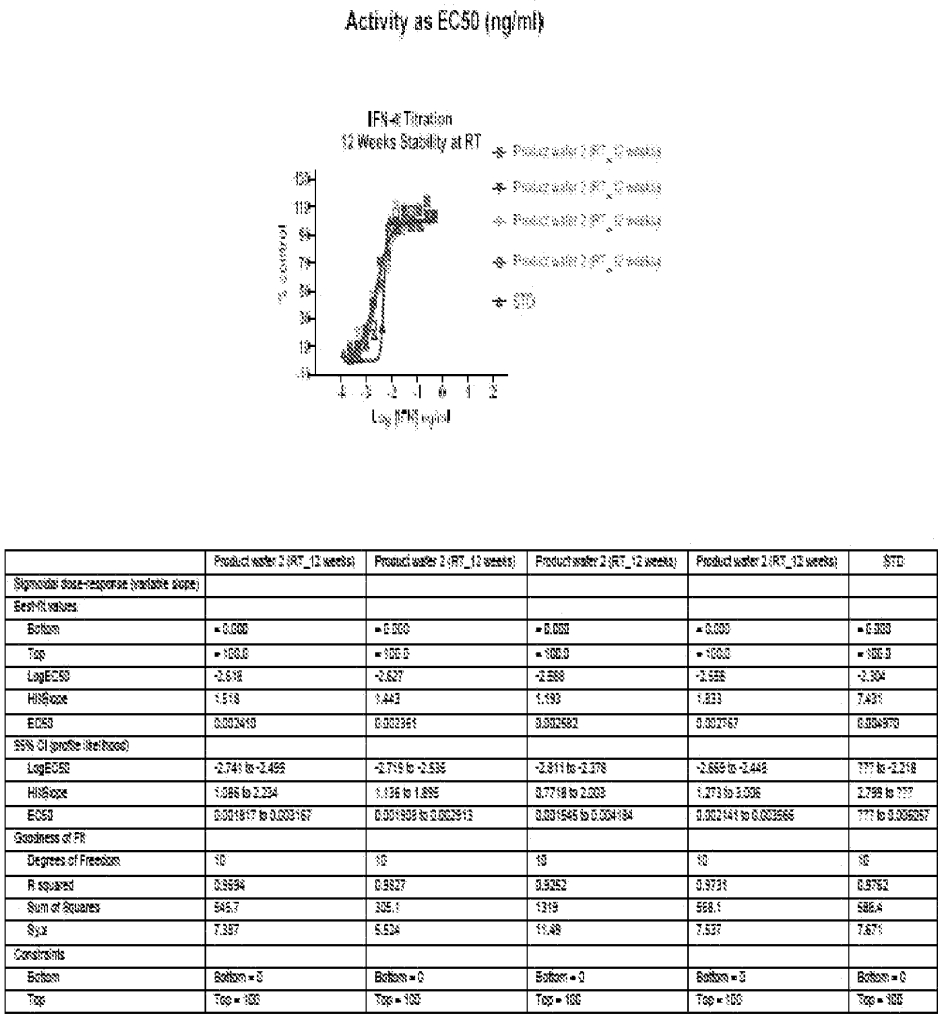
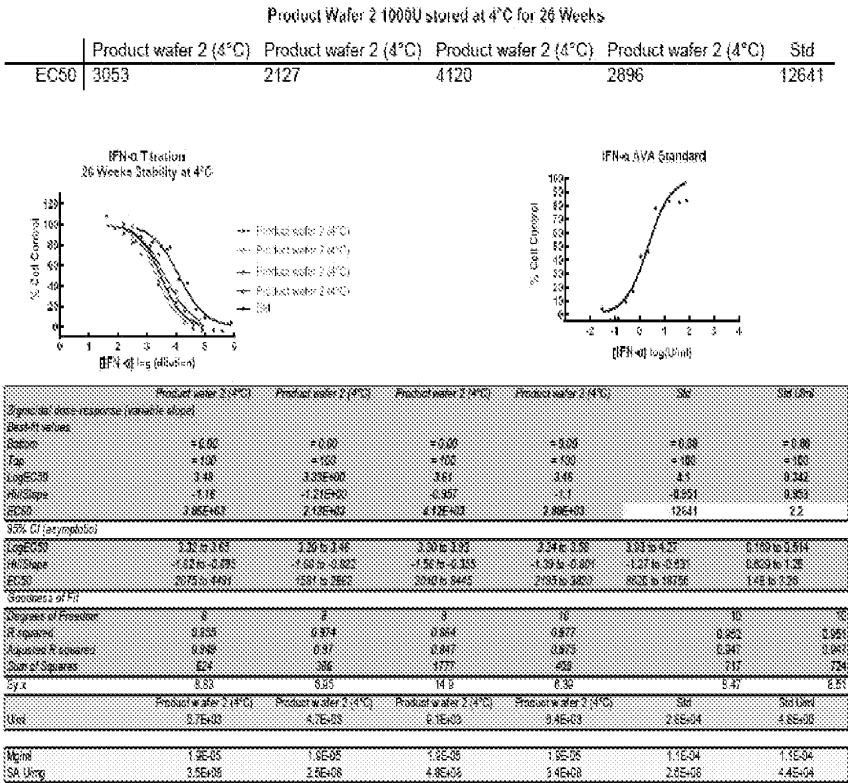
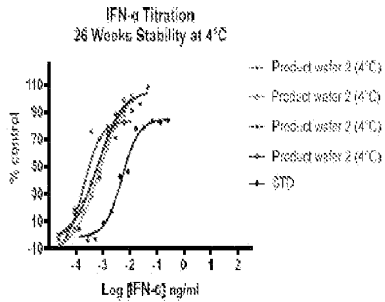


FIGURE 30



Activity as EC50 (ng/ml)

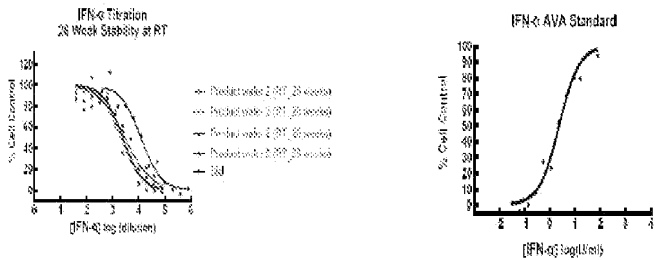


	Product water 2 (4°C)	Product water 2 (4°C)	Product water 2 (4°C)	Product water 2 (4°C)	STD
Sigmoidal dose-response (variable slope)					
Best-fit values					
Bottom	-5.987	-13.58	-13.81	-4.852	-1.968
Top	106.5	109.5	83.48	106.2	84.58
LogEC50	-3.305	-3.182	-3.715	-3.179	-2.288
HillSlope	0.9209	0.8537	1.334	0.9817	1.376
EC50	0.0005234	0.007919	0.004926	0.005626	0.005041
95% CI (profile likelihood)					
Bottom	??? to 16.38	-173.2 to 1.656	??? to 18.46	-72.43 to 11.58	-13.17 to 6.445
Top	78.87 to ???	87.83 to 4677	62.22 to ???	94.57 to 140.9	76.87 to 94.41
LogEC50	???	-3.408 to 10.80	???	-3.744 to -2.922	-2.472 to -2.127
HillSlope	??? to 7.130	0.09595 to 1.550	???	0.3559 to 1.637	0.8846 to 2.148
EC50	???	0.0003908 to 40580432046	???	0.0001801 to 0.001198	0.003371 to 0.007463
Goodness of Fit					
Degrees of Freedom	6	6	6	8	8
R squared	0.9566	0.9848	0.9107	0.9803	0.9823
Sum of Squares	603.4	222.1	1185	354.4	263.7
Sy x	10.03	6.084	13.93	6.656	5.741

FIGURE 32

Product Wafer 2 1000U stored at room temperature for 26 Weeks

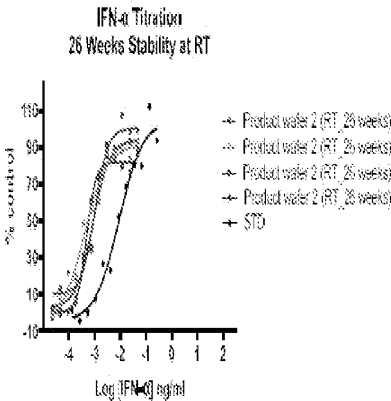
	Product wafer 2 (RT_26 weeks)	Product wafer 2 (RT_26 weeks)	Product wafer 2 (RT_26 weeks)	Product wafer 2 (RT_26 weeks)	Std
EC50	2354	2940	2083	2446	12162



	Product wafer 2 (RT_26 weeks)	Product wafer 2 (RT_26 weeks)	Product wafer 2 (RT_26 weeks)	Product wafer 2 (RT_26 weeks)	Std	Std Unit
Symptol dose-response (variable slope)						
Best fit values						
Bottom	= 0.00	= 0.00	= 0.00	= 0.00	= 0.00	= 0.00
Top	= 100	= 100	= 100	= 100	= 100	= 100
LogEC50	3.37	3.47E+03	3.32	3.29	4.08	0.364
Hill Slope	-1.25	-0.02E-01	-1.08	-1.16	-1.12	1.1
EC50	2.35E+03	2.94E+03	2.08E+03	2.44E+03	12162	2.31
95% CI (asymptotic)						
LogEC50	3.23 to 3.52	3.33 to 3.61	3.18 to 3.45	3.18 to 3.40	3.64 to 4.23	0.219 to 0.509
Hill Slope	-1.73 to -0.776	-1.13 to -0.032	-1.43 to -0.758	-1.74 to -0.598	-1.49 to -0.737	0.745 to 1.47
EC50	1670 to 3219	2121 to 4076	1325 to 2845	1210 to 2362	6530 to 17136	1.85 to 3.25
Goodness of Fit						
Degrees of Freedom	10	10	10	10	10	10
R squared	0.967	0.968	0.969	0.915	0.969	0.969
Adjusted R squared	0.957	0.964	0.966	0.907	0.962	0.968
Sum of Squares	715	435	510	1213	638	867
Sy.x	8.40	6.74	7.14	11.5	7.98	7.73
	Product wafer 2 (RT_26 weeks)	Product wafer 2 (RT_26 weeks)	Product wafer 2 (RT_26 weeks)	Product wafer 2 (RT_26 weeks)	Std	Std Unit
Unit	5.4E+02	6.8E+03	4.6E+03	5.7E+03	2.6E+04	5.9E+00
Ng/ml	1.90E-05	1.90E-06	1.90E-06	1.86E-05	1.89E-04	1.08E-04
SA U/mg	2.6E+02	3.6E+05	2.5E+08	3.0E+08	2.6E+08	4.9E+04

FIGURE 33

Activity as EC50 (ng/ml)



	Product water 2 (RT, 26 weeks)	Product water 2 (RT, 26 weeks)	Product water 2 (RT, 26 weeks)	Product water 2 (RT, 26 weeks)	STD
Signal: dose-response (variable slope)					
Best-fit values					
Bottom	50.11	-5.308	2.760	0.1054	-4.852
Top	105.7	81.75	84.14	81.89	155.0
LogEC50	-2.380	-2.594	-2.874	-3.312	-2.957
HillSlope	1.654	0.8774	1.324	2.418	0.9323
EC50	0.001626	0.0024649	0.0009429	0.0004688	0.003368
95% CI (profile likelihood)					
Bottom	-5.437 to 25.44	-46.45 to 8.225	-23.82 to -15.46	-5.293 to 5.547	-52.22 to 6.387
Top	80.87 to 136.0	62.44 to 100.2	64.65 to 158.5	70.08 to 85.68	87.28 to 188.0
LogEC50	-3.188 to -2.862	-3.543 to -3.154	-3.862 to -3.885	-3.385 to -3.240	-2.584 to -3.387
HillSlope	0.5182 to 4.135	0.6041 to 1.886	0.6246 to 3.010	1.728 to 3.451	0.3107 to 1.518
EC50	0.0004488 to 0.001879	0.001438 to 0.006889	0.0004883 to 0.001355	0.0004158 to 0.0008788	0.004537 to 0.04282
Goodness of Fit					
Degrees of Freedom	8	8	8	8	8
R squared	0.9727	0.9817	0.9732	0.9829	0.9837
Sum of Squares	494.3	257.9	438.8	188.4	588.8
Sy.x	7.865	5.875	7.404	3.827	8.887

FIGURE 34

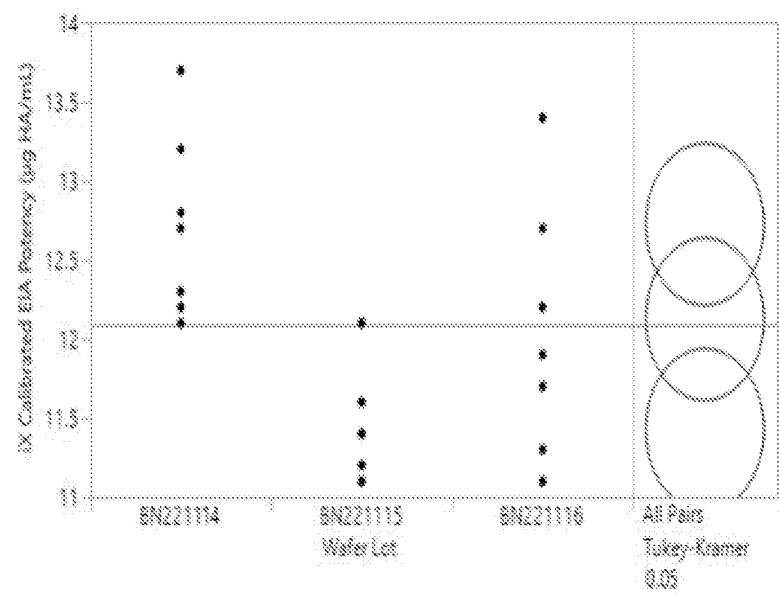


FIGURE 35