

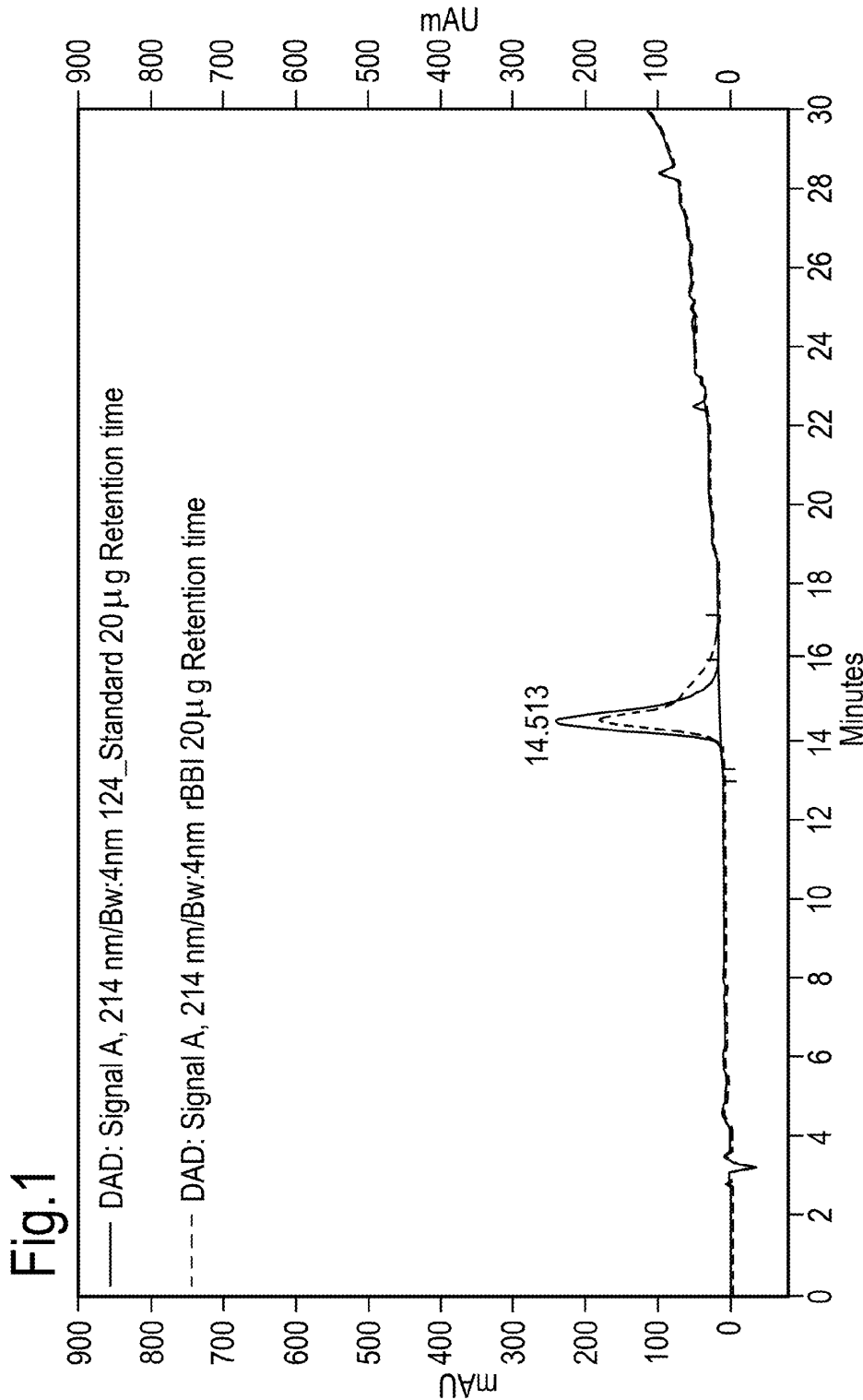


Fig.2

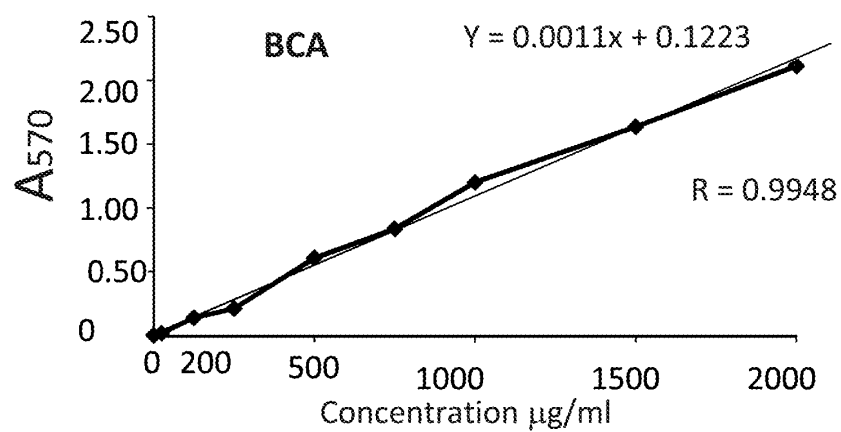
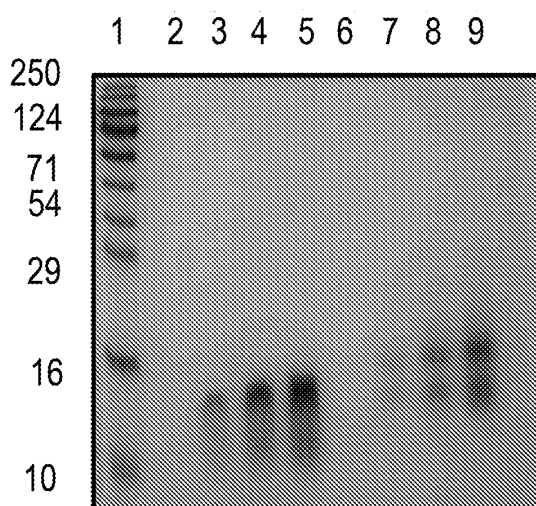


Fig.3



Lane	Sample	Concentration
1	Protein Marker	4 μl
2	Blank	—
3	rBBI	2 μg (Reducing)
4	rBBI	5 μg (Reducing)
5	rBBI	10 μg (Reducing)
6	Blank	NA
7	rBBI	2 μg (Non Reducing)
8	rBBI	5 μg (Non Reducing)
9	rBBI	10 μg (Non Reducing)

Fig.4

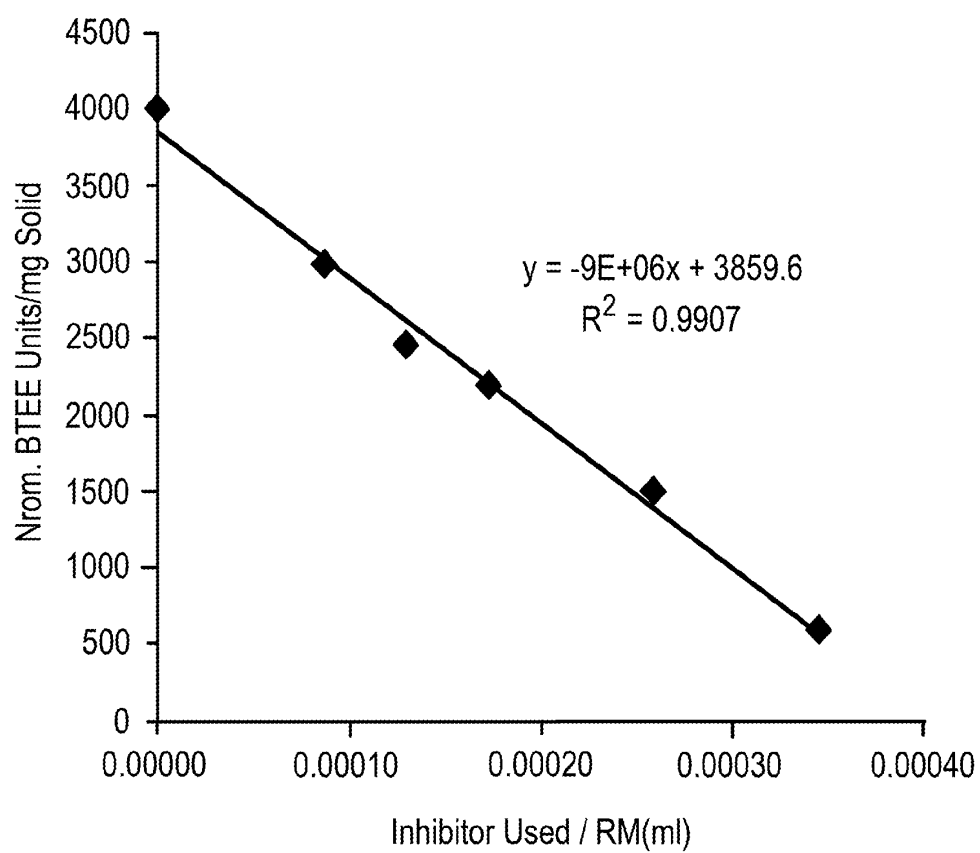


Fig.4 continued

Dilution Factor	1.000	mg Chymotrypsin Inhibited by 1ml Inhibitor	2.12
The change in A265nm/minute per unit of Chymotrypsin at pH 7.8 at 25°C	0.001	mg Chymotrypsin Inhibited by 1mg Inhibitor	2.3
Sample Volume from table (ml)	0.017	Normalizing Factor	24.179
Total volume in millimeters of assay	1.000	Slope	-9493831
Volume of enzyme used (ml)	0.050	Y Intercept	3860
Chymotrypsin Conc.(mg/ml)	1.0	X intercept (ml of Inhibitor for complete inhibition	0.00041
Chymotrypsin Inhibitor Conc. (mg/ml)	0.94	mg of Inhibitor for complete inhibition	0.00038

Sample	Slope	BTEE Units/ml enzyme	BTEE Units/mg solid	Norm BTEE Units/mg solid	ml of Inhibitor Used	ml inhibitor/RM	% Uninhibited	% Inhibited	Gap from theoretical Y (<10)
Blank	-0.002								
Uninhibited	0.082	96717	96717	4000	0.000	0.00000	100	0	4
Test 1	0.060	72179	72179	2985	0.005	0.00009	75	25	2
Test 2	0.049	59403	59403	2457	0.008	0.00013	61	39	7
Test 3	0.044	53097	53097	2196	0.010	0.00017	55	45	1
Test 4	0.030	36335	36335	1503	0.015	0.00026	38	62	7
Test 5	0.011	14642	14642	606	0.020	0.00034	15	85	3

Fig.5

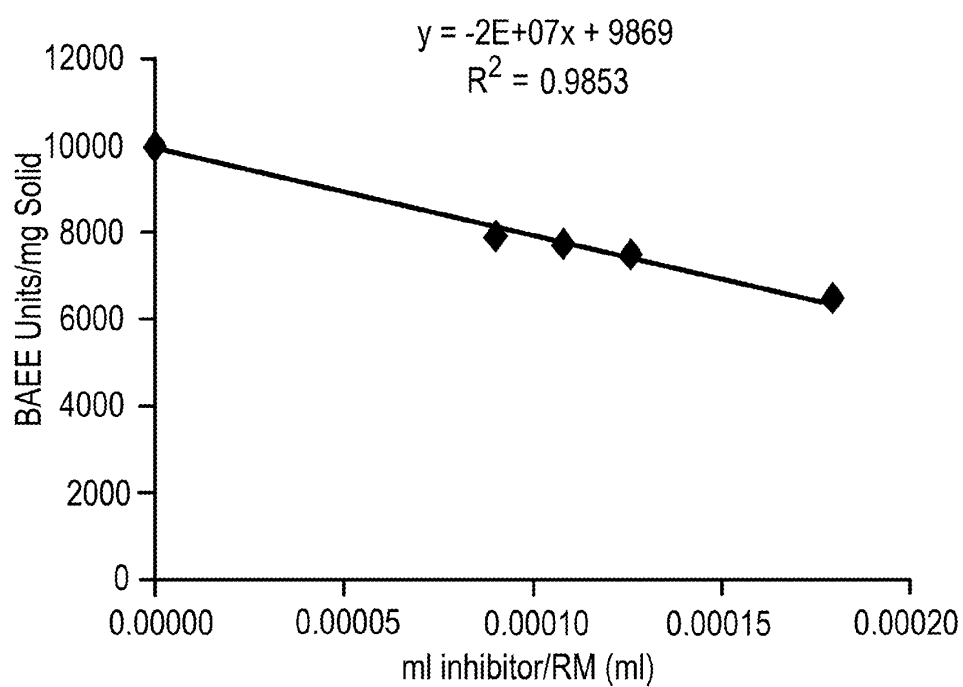


Fig.5 continued

Dilution Factor	1.000	mg Trypsin Inhibited by 1 ml Inhibitor					1.6
The change in A253nm/minute per unit of Trypsin at pH 7.8 at 25°C	0.001	mg Trypsin Inhibited by 1 mg Inhibitor					1.7
Sample Volume from table (ml)	0.016	Normalizing Factor					6.442
Total volume in milliliters of assay	1.000	Slope					-19369600
Volume of enzyme used (ml)	0.050	Y Intercept					9869
Trypsin Conc (mg/ml)	1.0	X intercept (ml of Inhibitor for complete inhibition)					0.00051
Trypsin Inhibitor Conc (mg/ml)	0.94	mg of Inhibitor for complete inhibition					0.00048

Sample	Slope	BAEE Units/ml enzyme	BAEE Units/mg solid	Norm BAEE Units/mg solid	ml of Inhibitor Used	ml of Inhibitor /RM	% Uninhibited	% Inhibited	Gap from theoretical Y(<10)
Blank	0.000								
Uninhibited	0.052	64420	64420	10000	0.000	0.00000	100	0	1
Test 1									
Test 2	0.041	50855	50855	7894	0.006	0.00009	79	21	3
Test 3	0.041	49776	49776	7727	0.007	0.00011	77	23	1
Test 4	0.039	48187	48187	7480	0.008	0.00013	75	25	1
Test 5	0.034	42028	42028	6524	0.011	0.00018	65	35	2

Fig.6

