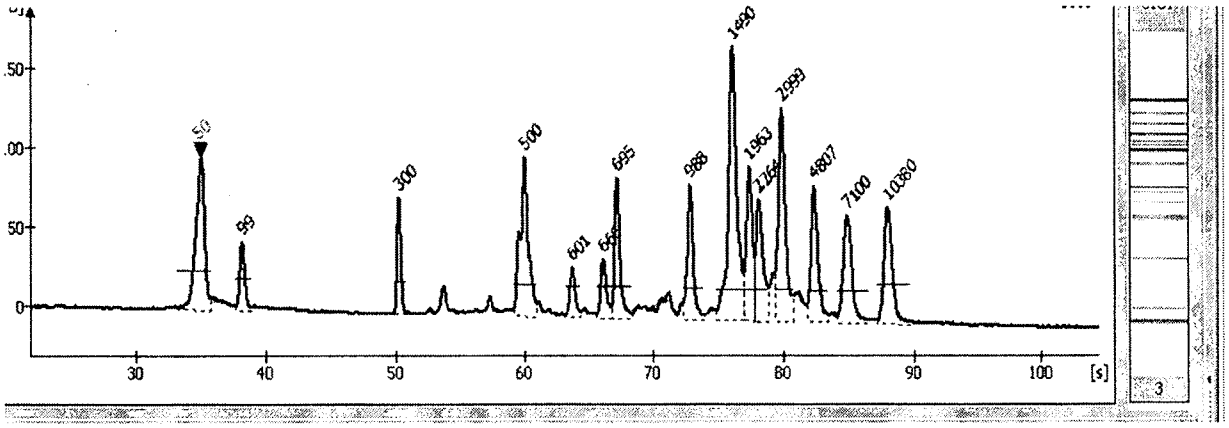

50
89
300
500
601
685
988
1490
1963
2999
4807
7100
10380
30
40
50
60
70
80
90
100
[s]
3

Fig. 1

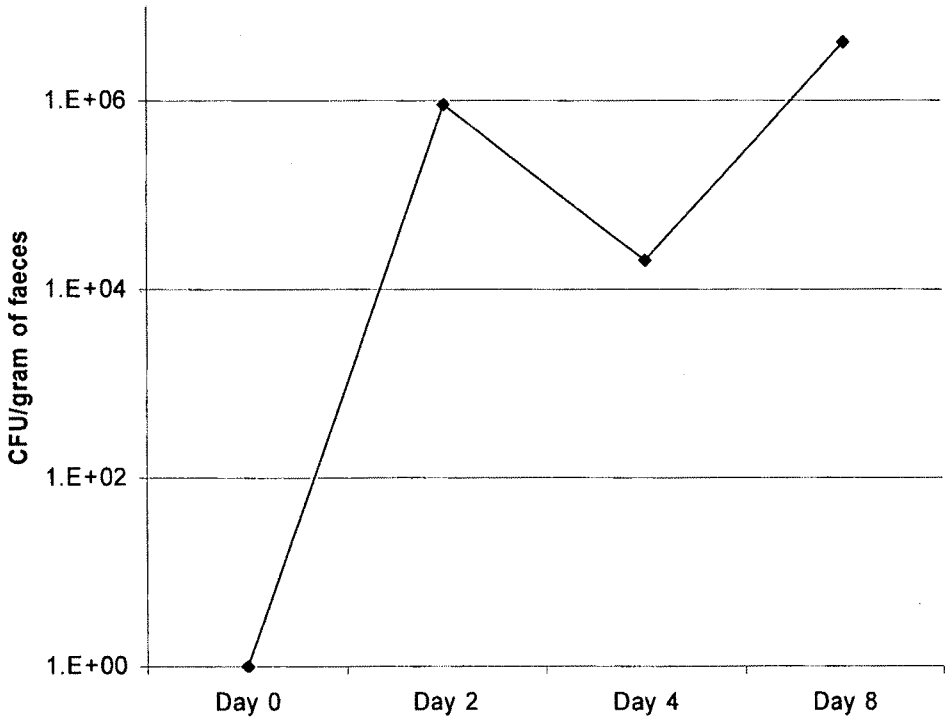

CFU/gram of faeces
1.E+06
1.E+04
1.E+02
1.E+00
Day 0
Day 2
Day 4
Day 8

Fig. 2

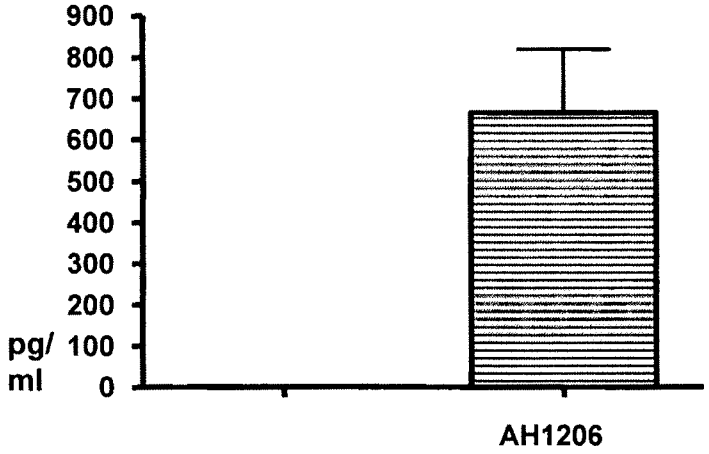

900
800
700
600
500
400
300
200
pg/ 100
ml 0
AH1206

Fig. 3

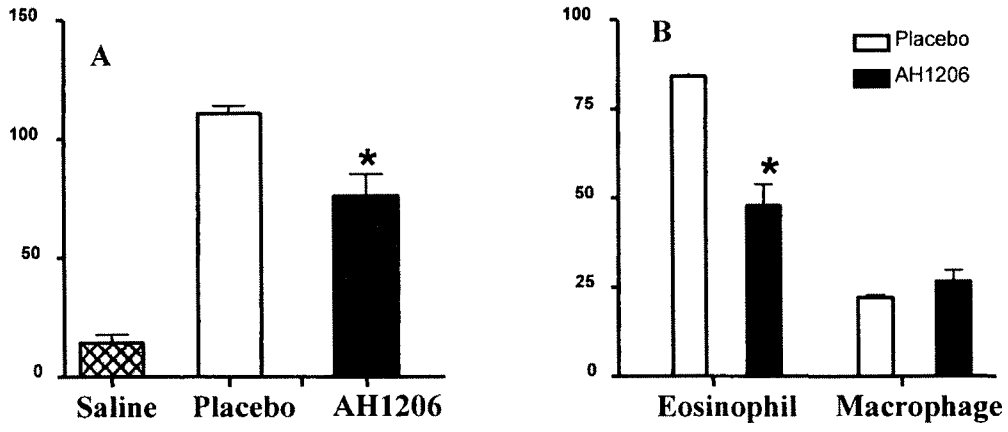
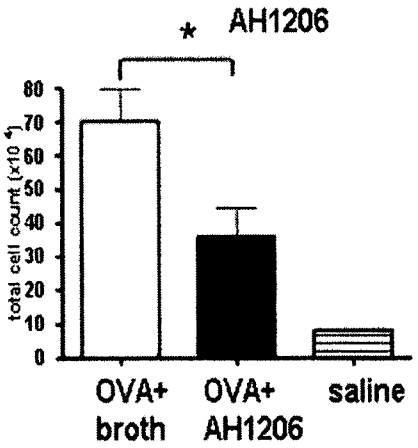

150
100
50
0
A
*
Saline
Placebo
AH1206
100
75
50
25
0
B
Placebo
AH1206
*
Eosinophil
Macrophage

Fig. 4

A


*
AH1206
total cell count (x10 4)
80
70
60
50
40
30
20
10
0
OVA+ broth
OVA+ AH1206
saline

B

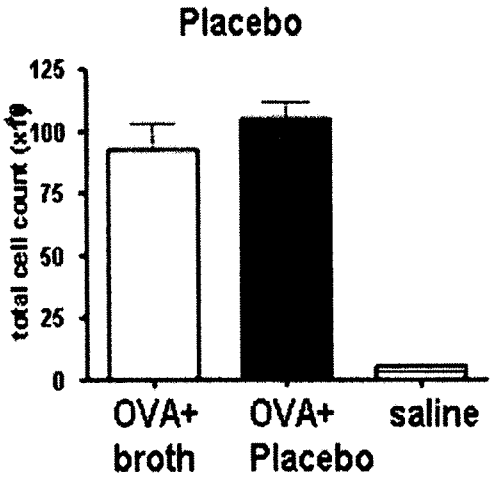

Placebo
125
100
75
50
25
0
OVA+ broth
OVA+ Placebo
saline

Fig. 5

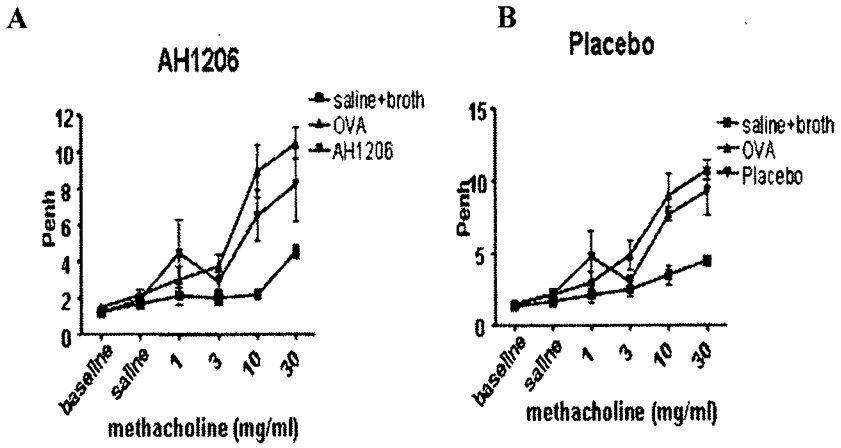

A
AH1206
saline+broth
OVA
AH1206
Penh
12
10
8
6
4
2
0
baseline
saline
1
3
10
30
methacholine (mg/ml)
B
Placebo
saline+broth
OVA
Placebo
Penh
15
10
5
0
baseline
saline
1
3
10
30
methacholine (mg/ml)

Fig. 6

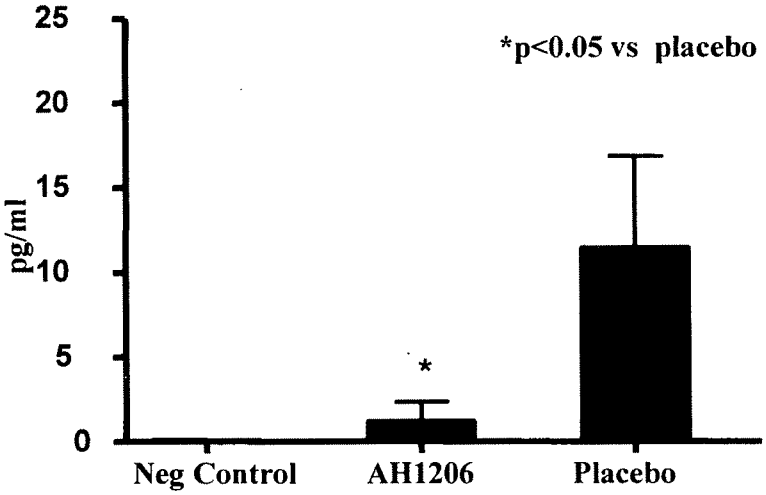
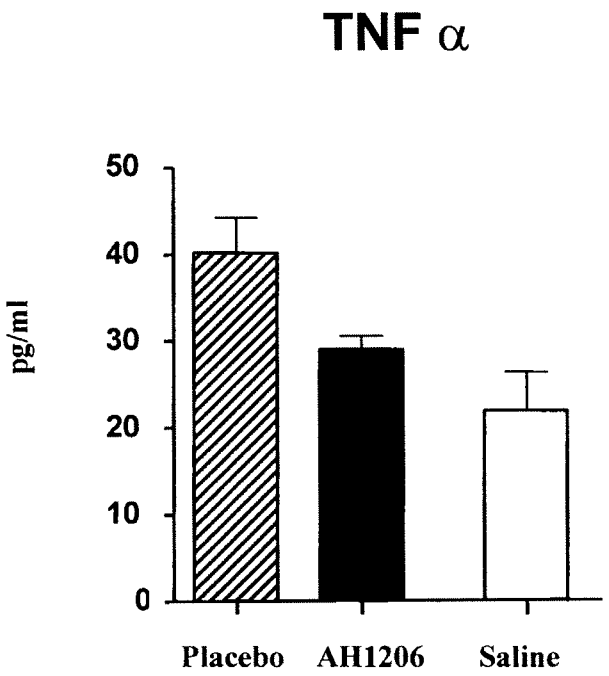

*p<0.05 vs placebo
pg/ml
25
20
15
10
5
0
*
Neg Control
AH1206
Placebo

Fig. 7

A


TNF α
pg/ml
50
40
30
20
10
0
Placebo
AH1206
Saline

B

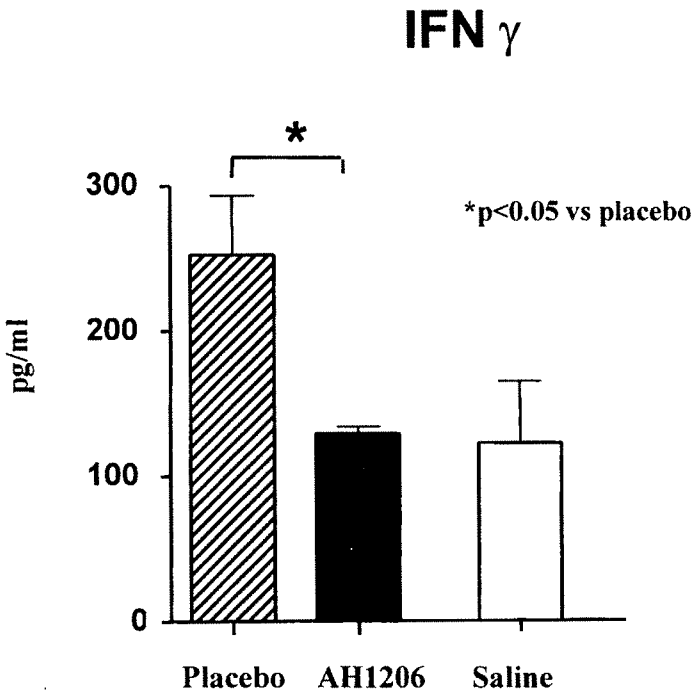

IFN γ
*
*p<0.05 vs placebo
pg/ml
300
200
100
0
Placebo
AH1206
Saline

Fig. 8

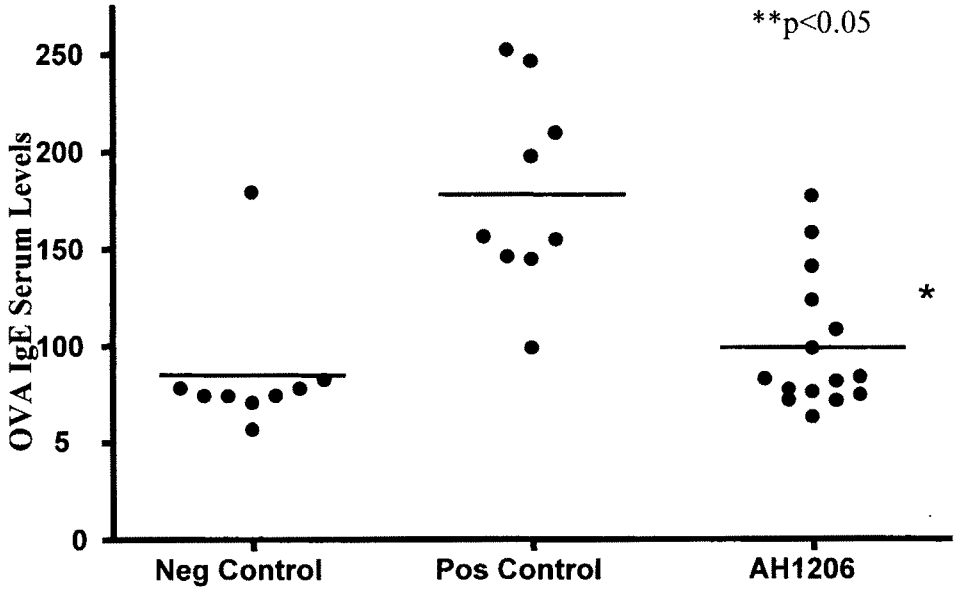

**p<0.05
OVA IgE Serum Levels
250
200
150
100
5
0
*
Neg Control
Pos Control
AH1206

Fig. 9

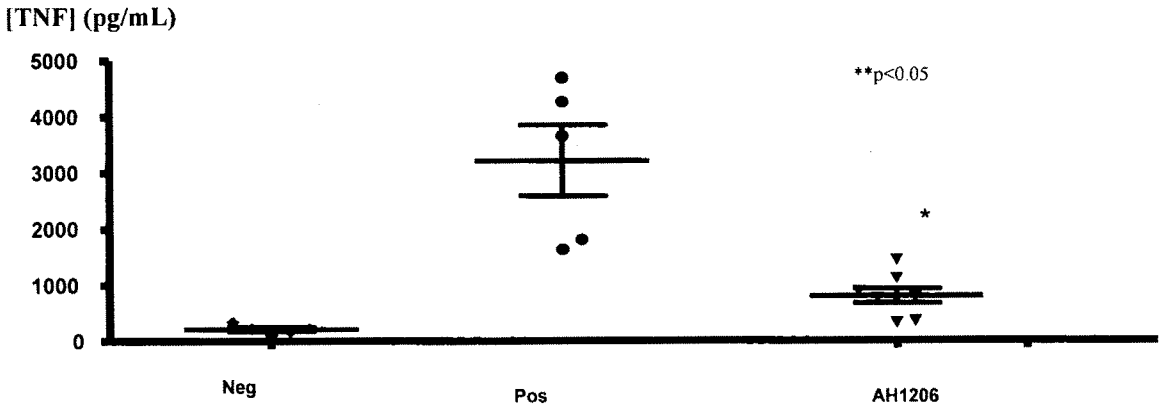

[TNF] (pg/mL)
5000
4000
3000
2000
1000
0
**p<0.05
*
Neg
Pos
AH1206

Fig. 10

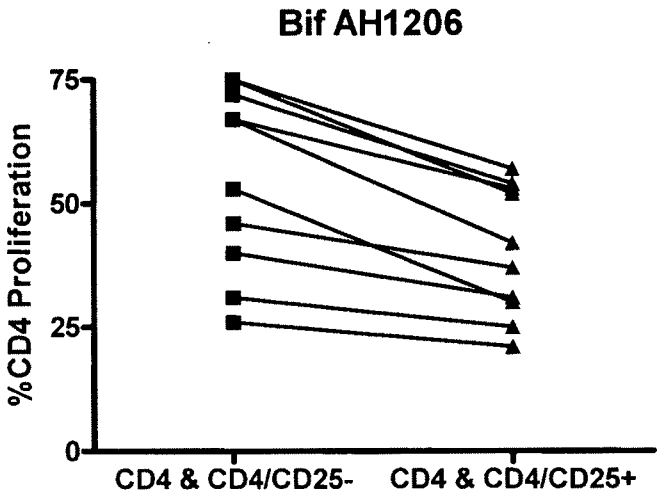

Bif AH1206
%CD4 Proliferation
75
50
25
0
CD4 & CD4/CD25-
CD4 & CD4/CD25+

Fig. 11

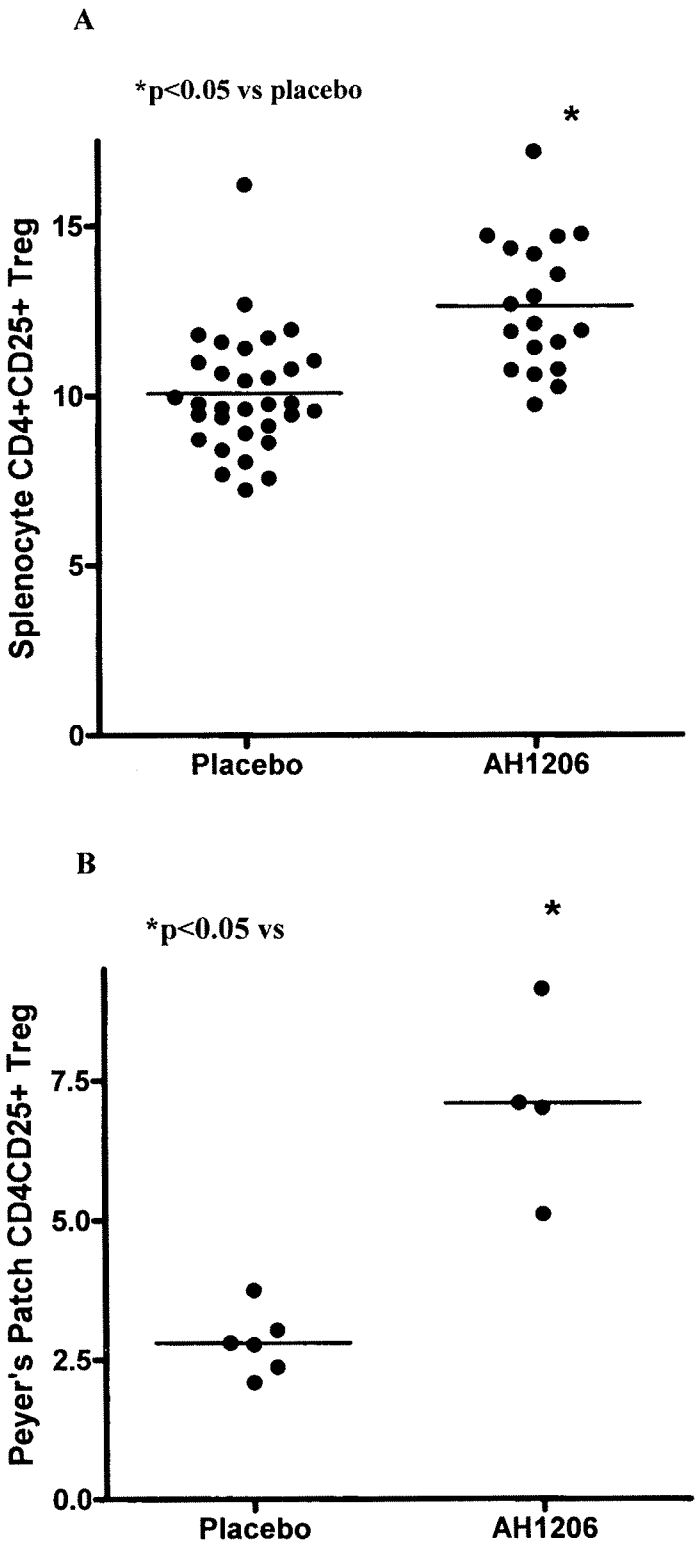

A
*p<0.05 vs placebo
*
Splenocyte CD4+CD25+ Treg
15
10
5
0
Placebo
AH1206
B
*p<0.05 vs
*
Peyer's Patch CD4CD25+ Treg
7.5
5.0
2.5
0.0
Placebo
AH1206

Fig. 12

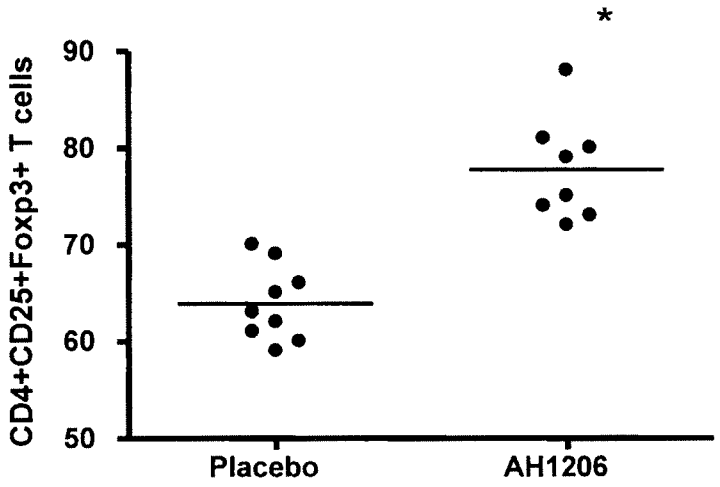

*
90
80
70
60
50
CD4+CD25+Foxp3+ T cells
Placebo
AH1206

Fig. 13

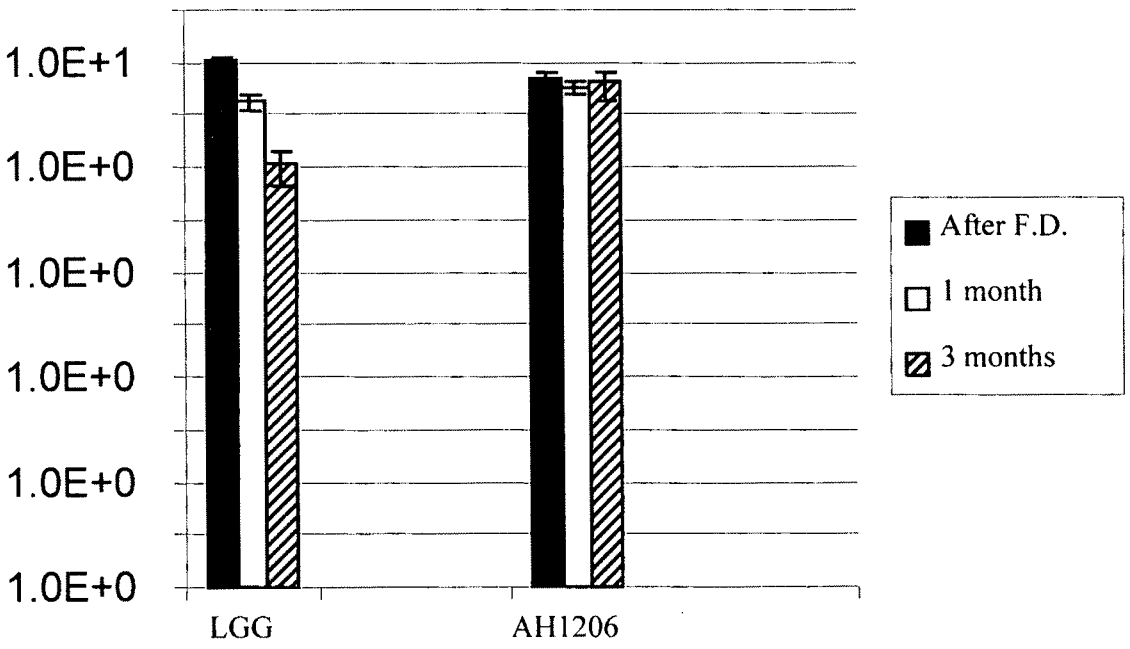

1.0E+1
1.0E+0
1.0E+0
1.0E+0
1.0E+0
1.0E+0
LGG
AH1206
After F.D.
1 month
3 months

Fig. 14