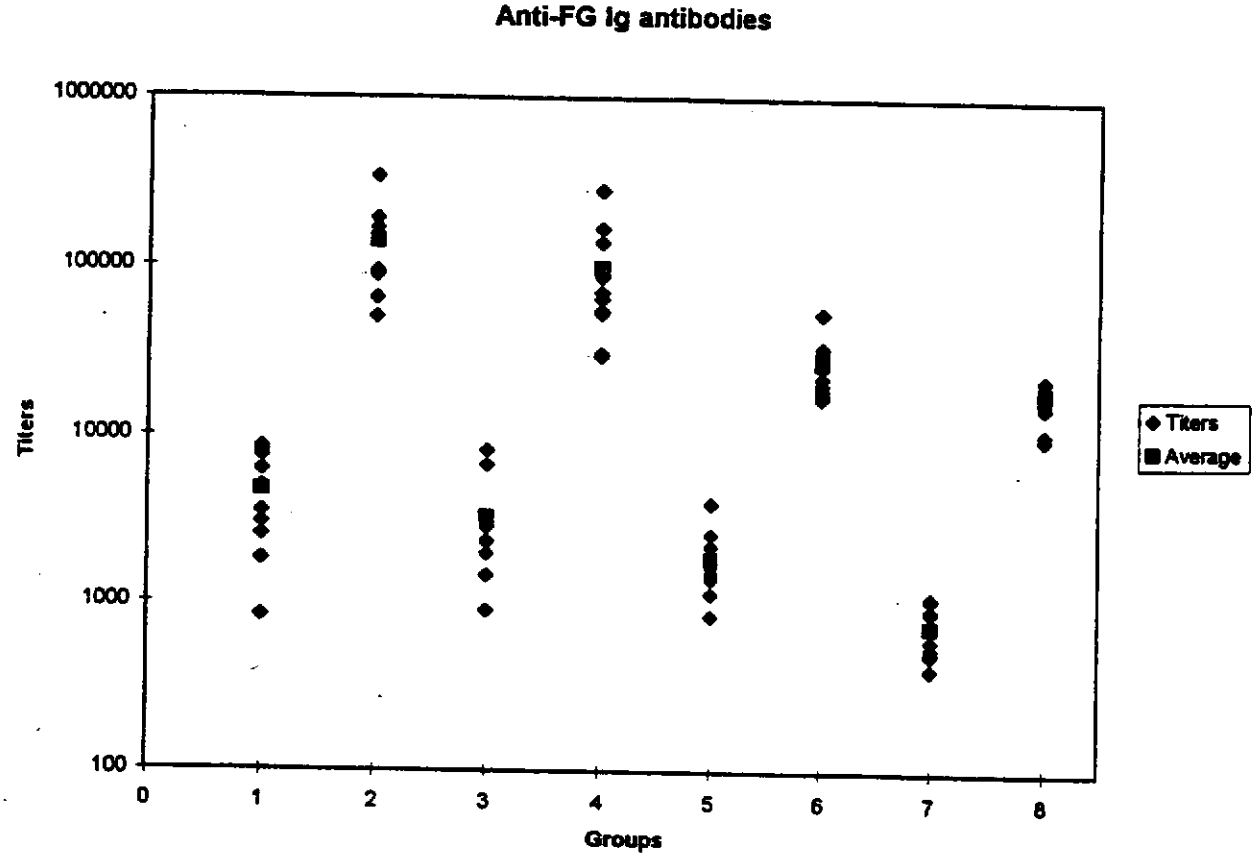

Anti-FG Ig antibodies
1000000
100000
10000
1000
100
Titers
0
1
2
3
4
5
6
7
8
Groups
Titers
Average

Fig 1

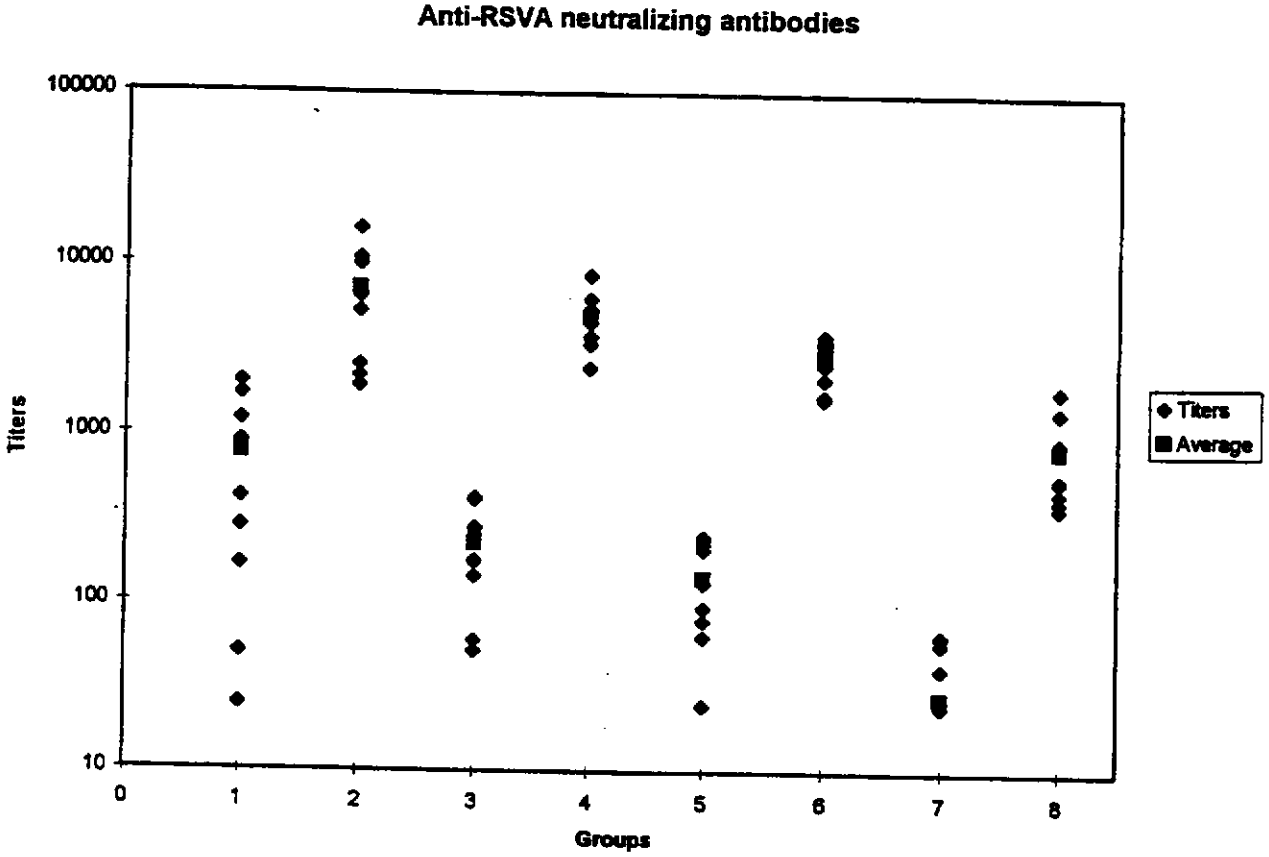

Anti-RSVA neutralizing antibodies
100000
10000
1000
100
10
Titers
0
1
2
3
4
5
6
7
8
Groups
Titers
Average

Fig 2

A

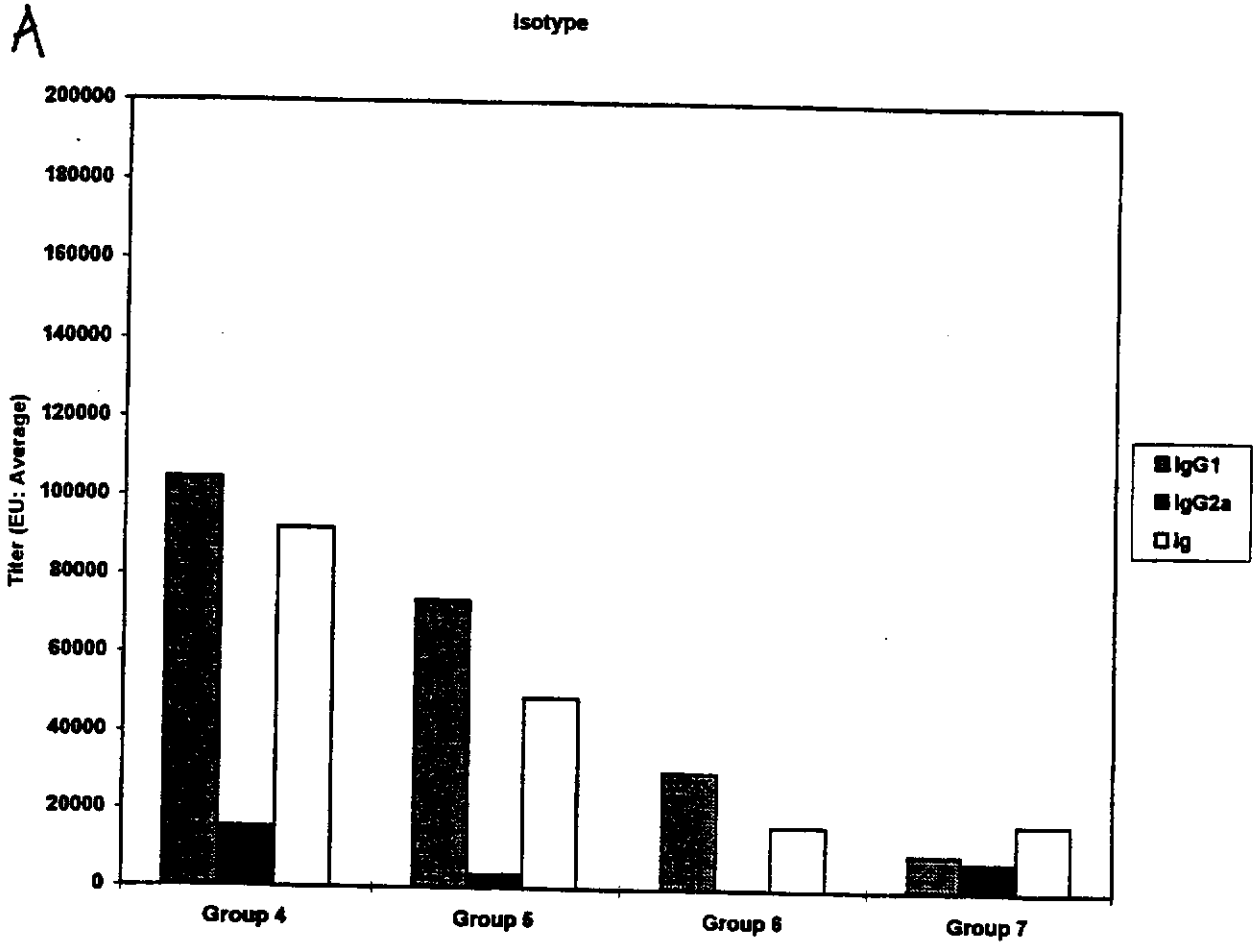

Isotype
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
Titer (EU: Average)
Group 4
Group 5
Group 6
Group 7
IgG1
IgG2a
Ig

FIG 3

B

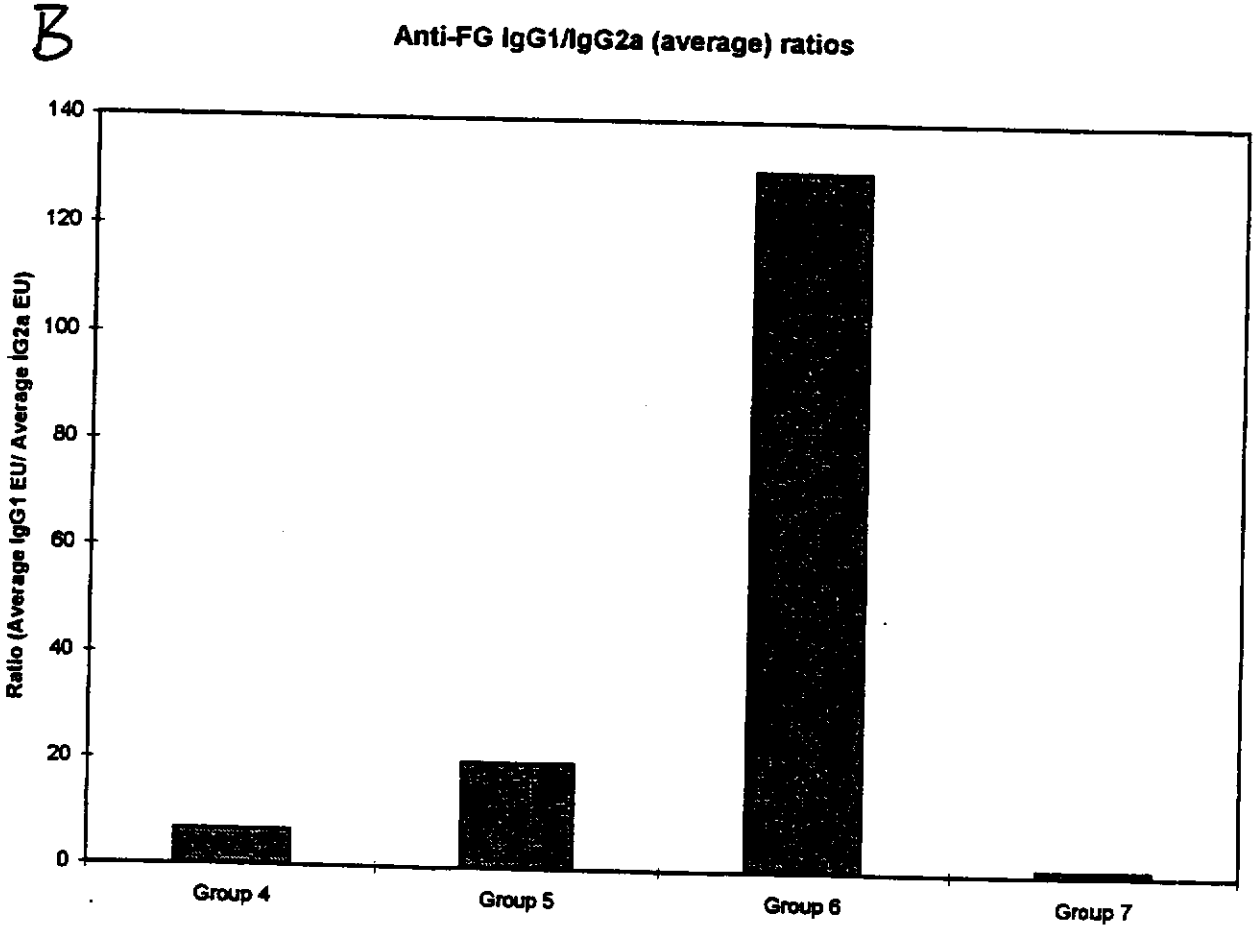
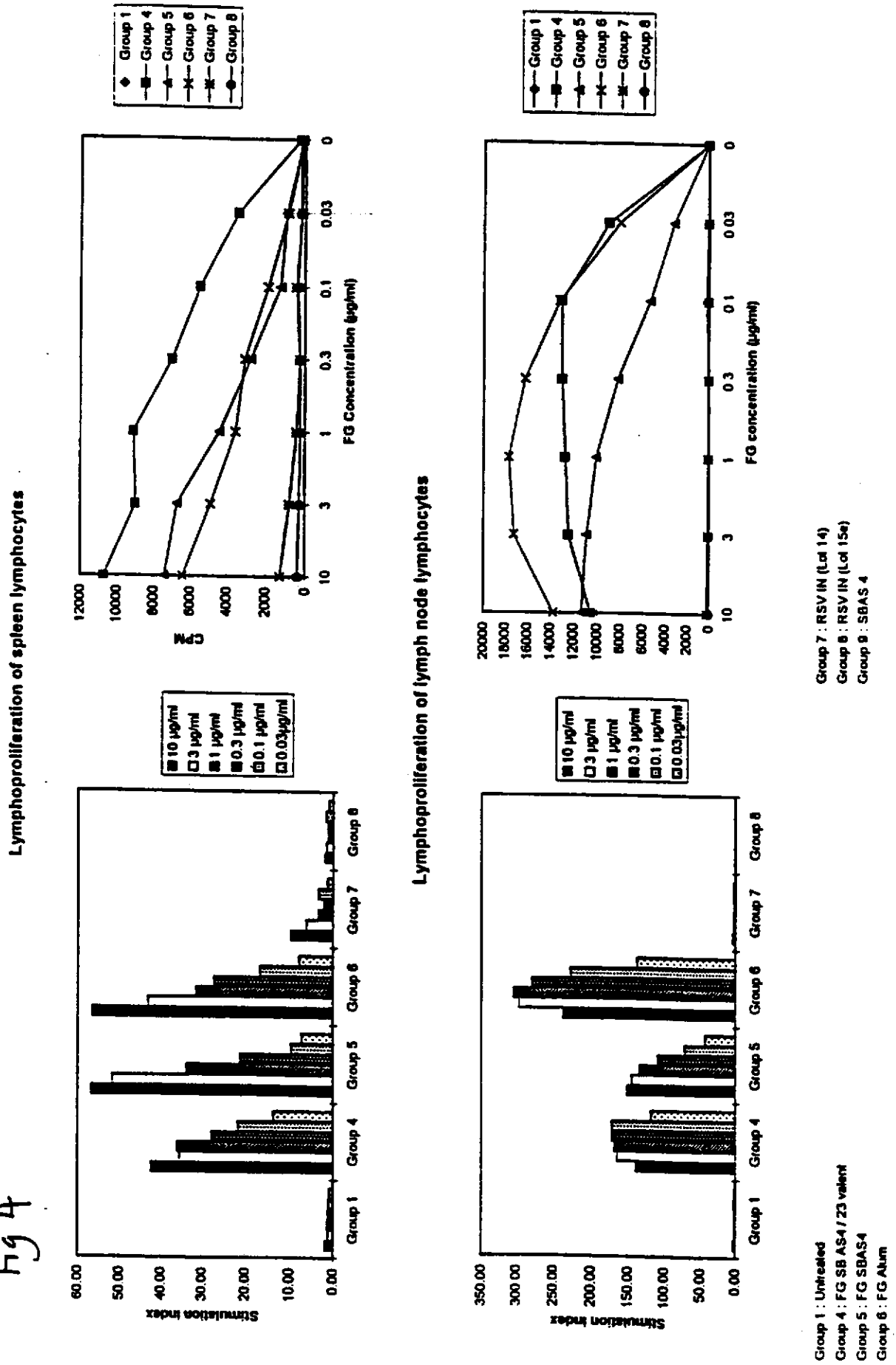

Anti-FG IgG1/IgG2a (average) ratios
Ratio (Average IgG1 EU/ Average IG2a EU)
140
120
100
80
60
40
20
0
Group 4
Group 5
Group 6
Group 7

Fig 3 (CONT)

Fig 4


Lymphoproliferation of spleen lymphocytes
Group 1
Group 4
Group 5
Group 6
Group 7
Group 8
CPM
FG Concentration (µg/ml)
10 µg/ml
3 µg/ml
1 µg/ml
0.3 µg/ml
0.1 µg/ml
0.03µg/ml
Stimulation Index
Lymphoproliferation of lymph node lymphocytes
FG concentration (µg/ml)
Group 1 : Untreated
Group 4 : FG SB AS4 / 23 valent
Group 5 : FG SBAS4
Group 6 : FG Alum
Group 7 : RSV IN (Lot 14)
Group 8 : RSV IN (Lot 15e)
Group 9 : SBAS 4

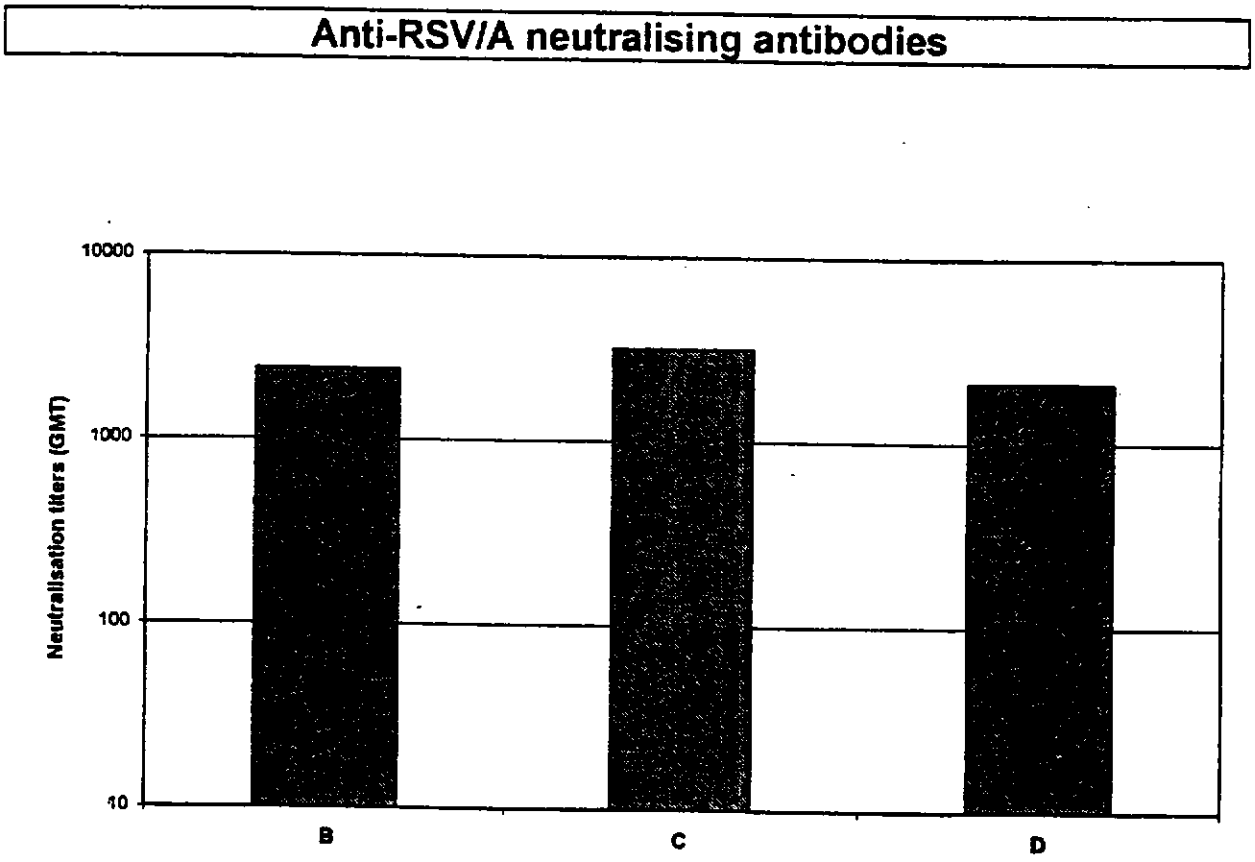
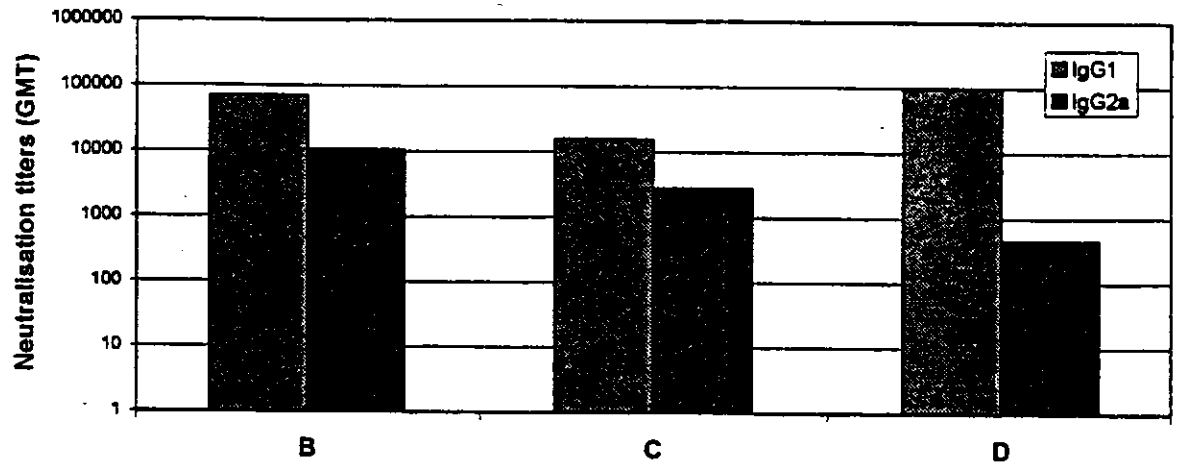

Anti-RSV/A neutralising antibodies
Neutralisation titers (GMT)
10000
1000
100
10
B
C
D

Fig 5

Anti-FG Isotype response



Ratio IgG1/IgG2a

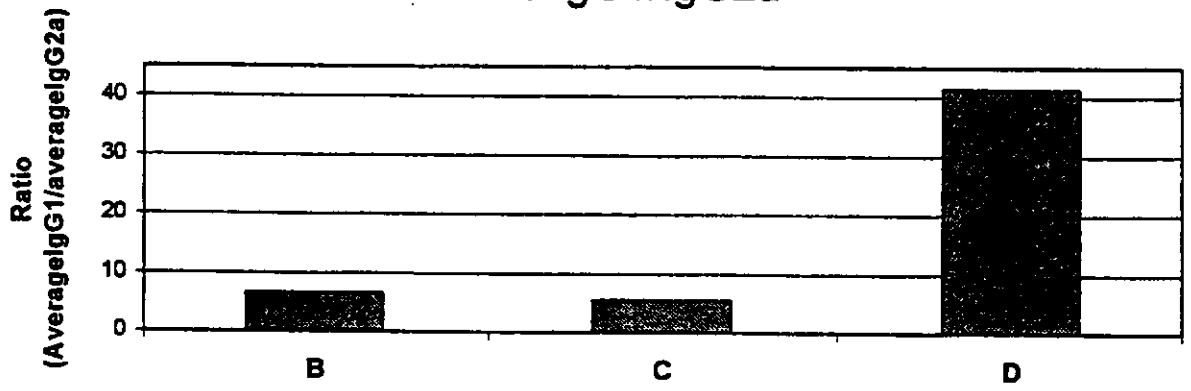


Fig 6

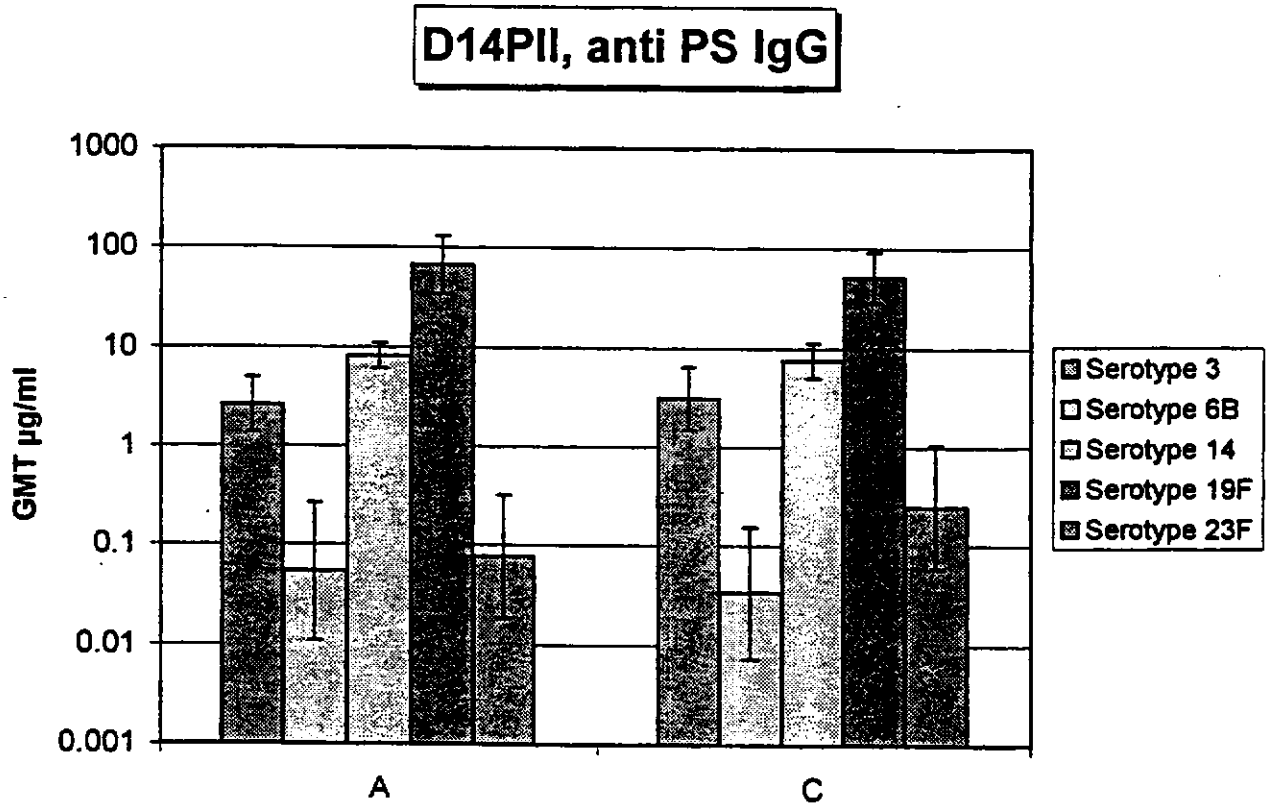

D14PII, anti PS IgG
GMT µg/ml
1000
100
10
1
0.1
0.01
0.001
A
C
Serotype 3
Serotype 6B
Serotype 14
Serotype 19F
Serotype 23F

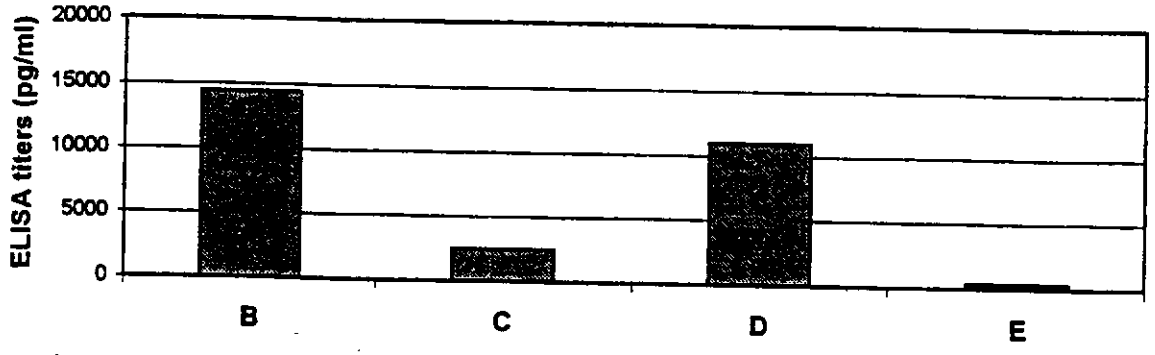
FIG 7

Fig 8

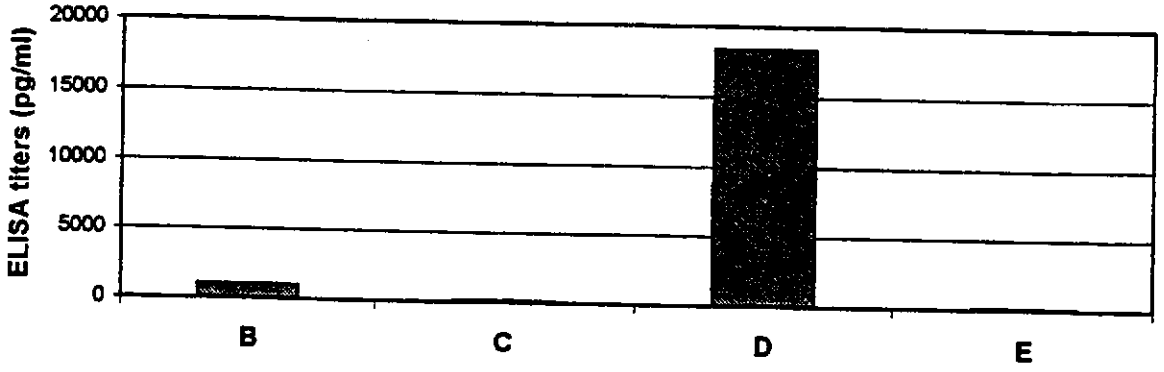
CYTOKINES SECRETION ON SPLEEN CELLS

Ag dose for in vitro restimulation: 10µg/ml

IFN-γ secretion



IL-5 secretion



IFN-γ/IL-5 ratio

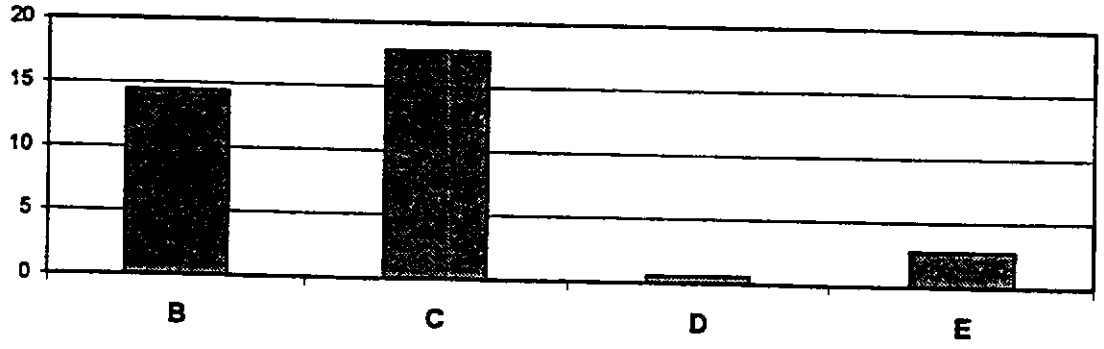


Fig 9

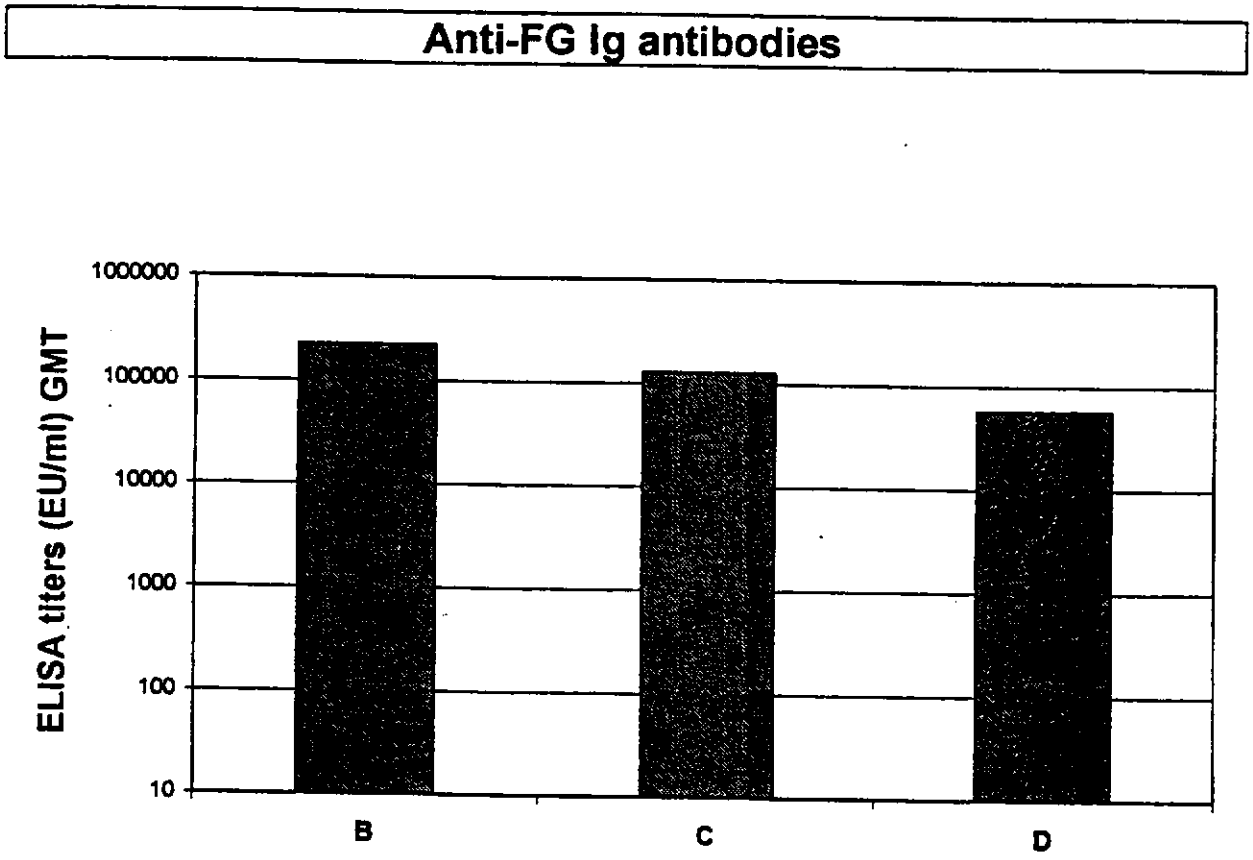

Anti-FG Ig antibodies
ELISA titers (EU/ml) GMT
1000000
100000
10000
1000
100
10
B
C
D

Fig 10

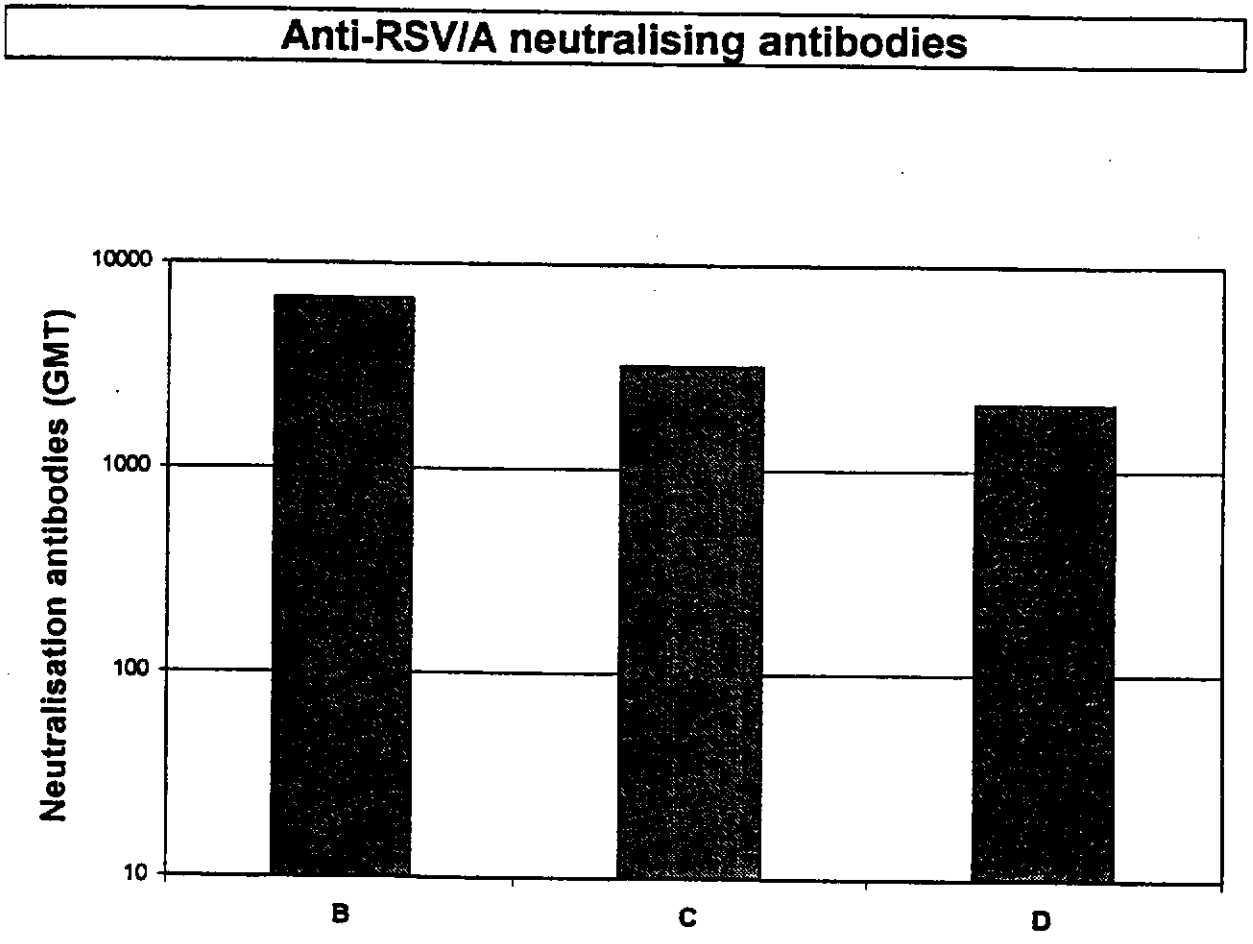

Anti-RSV/A neutralising antibodies
Neutralisation antibodies (GMT)
10000
1000
100
10
B
C
D

Fig 11

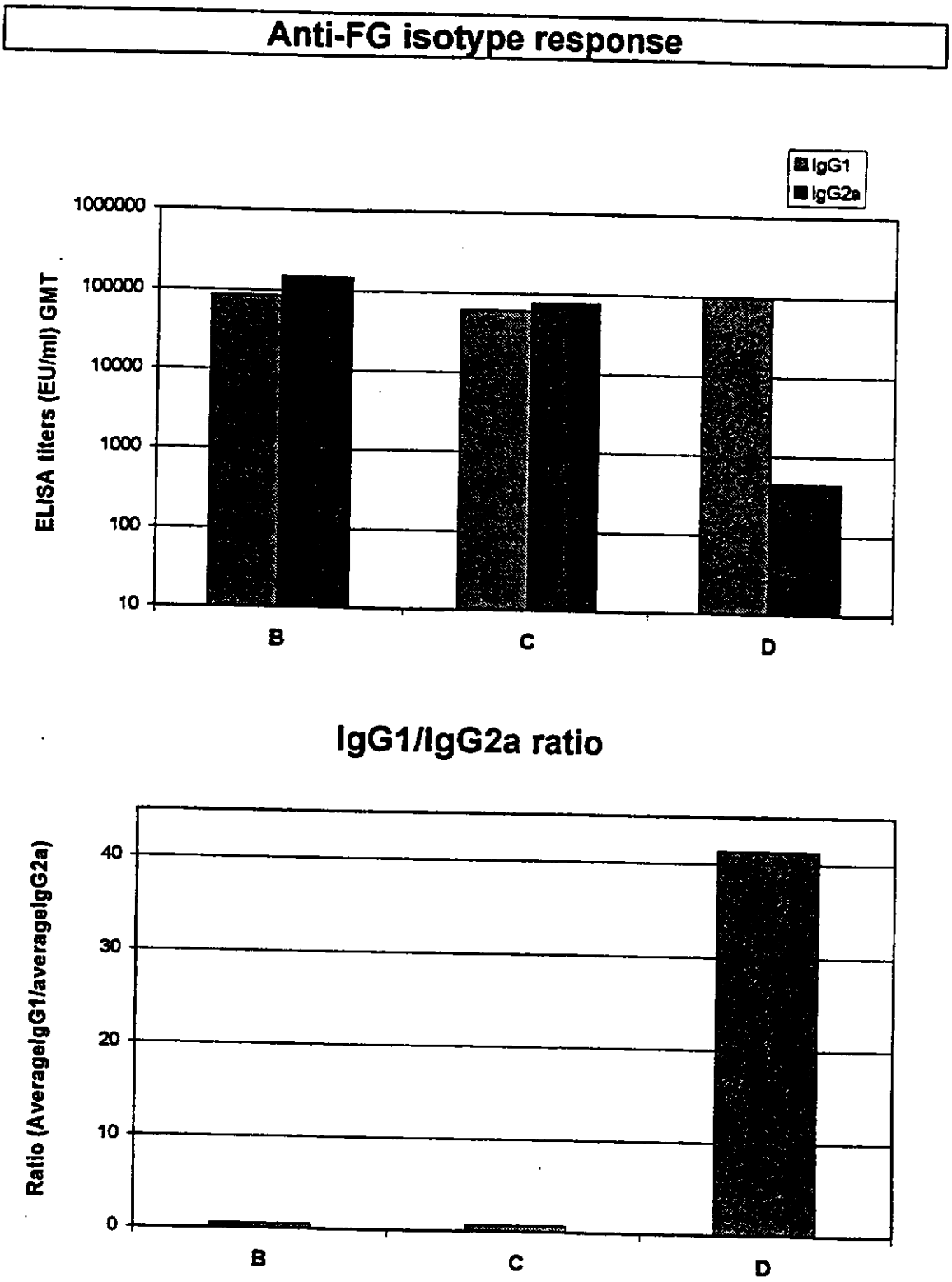

Anti-FG isotype response
IgG1
IgG2a
ELISA titers (EU/ml) GMT
1000000
100000
10000
1000
100
10
B
C
D
IgG1/IgG2a ratio
Ratio (AverageIgG1/averageIgG2a)
40
30
20
10
0
B
C
D

Fig 12

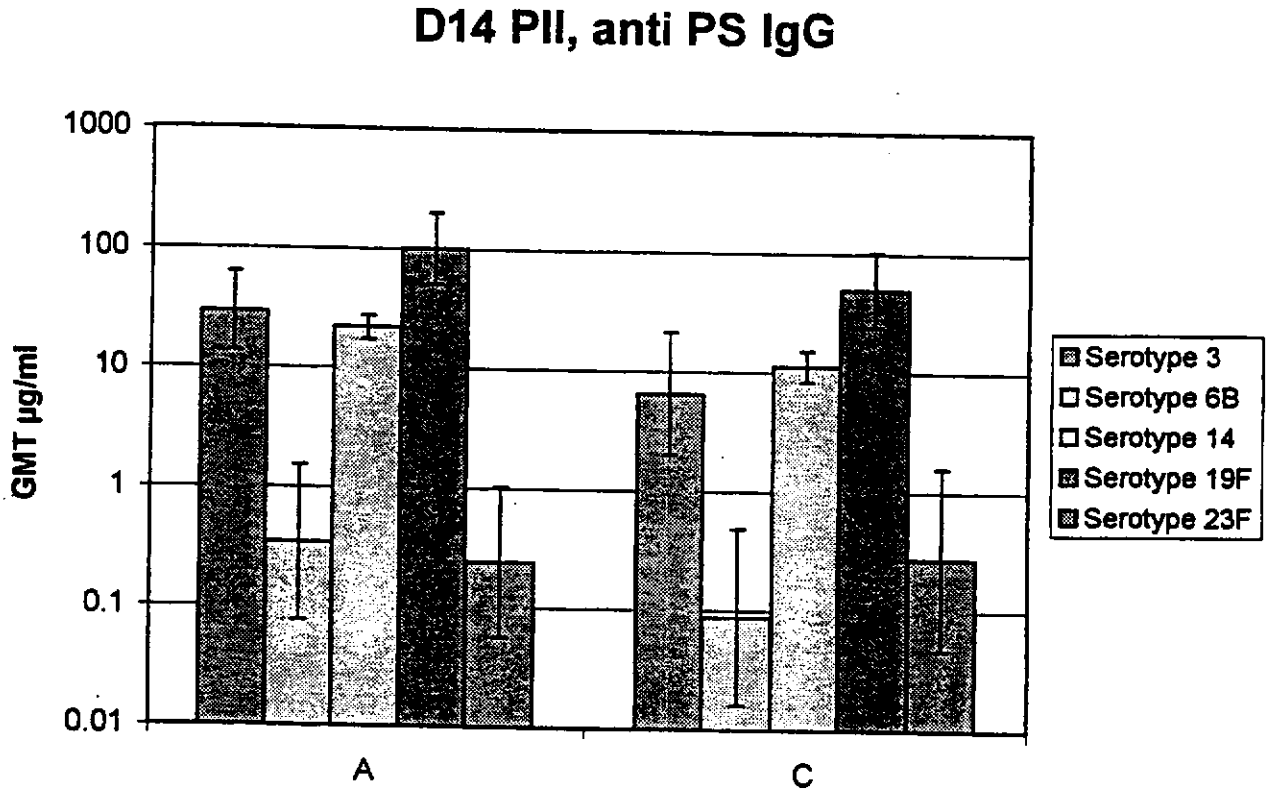
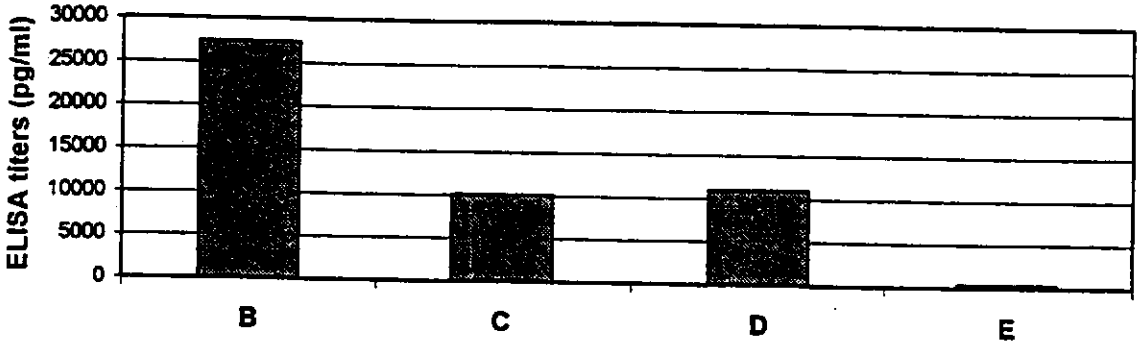

D14 PII, anti PS IgG
GMT µg/ml
1000
100
10
1
0.1
0.01
A
C
Serotype 3
Serotype 6B
Serotype 14
Serotype 19F
Serotype 23F

Fig 13

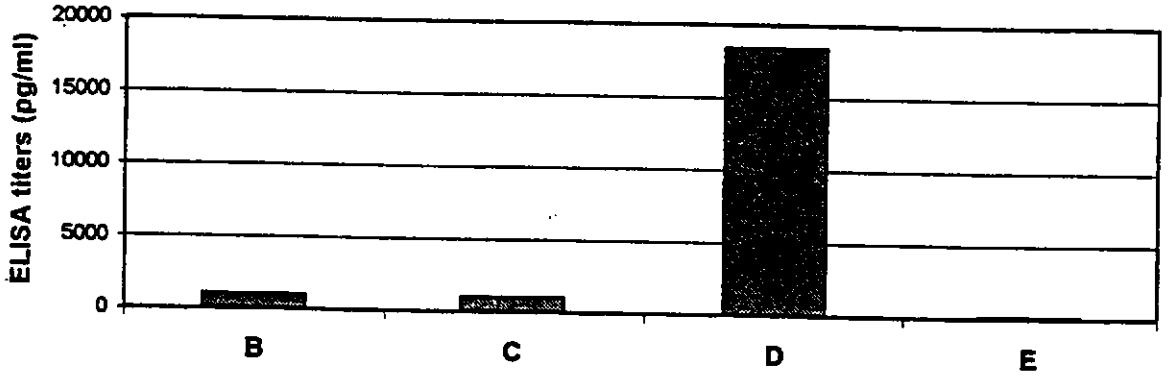
CYTOKINES SECRETION ON SPLEEN CELLS

Ag dose for the in vitro restimulation: 10µg/ml

IFN-γ secretion



IL-5 secretion



IFN-γ/IL-5 ratio

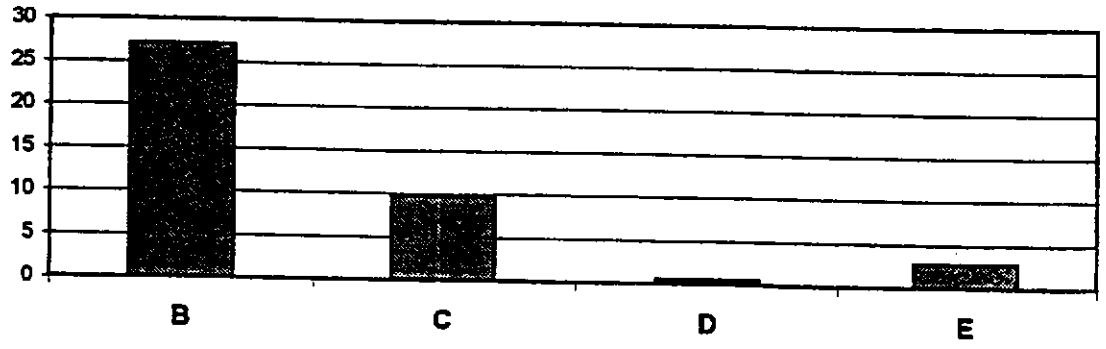


Fig 14

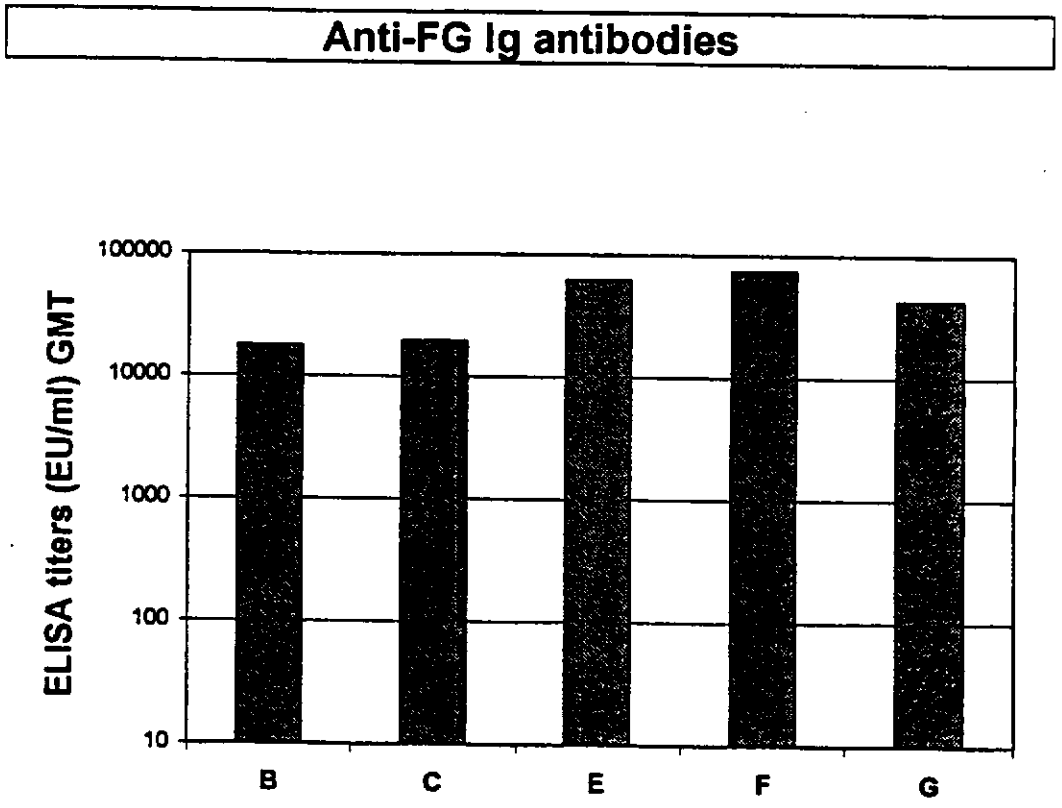

Anti-FG Ig antibodies
ELISA titers (EU/ml) GMT
100000
10000
1000
100
10
B
C
E
F
G

Fig 15

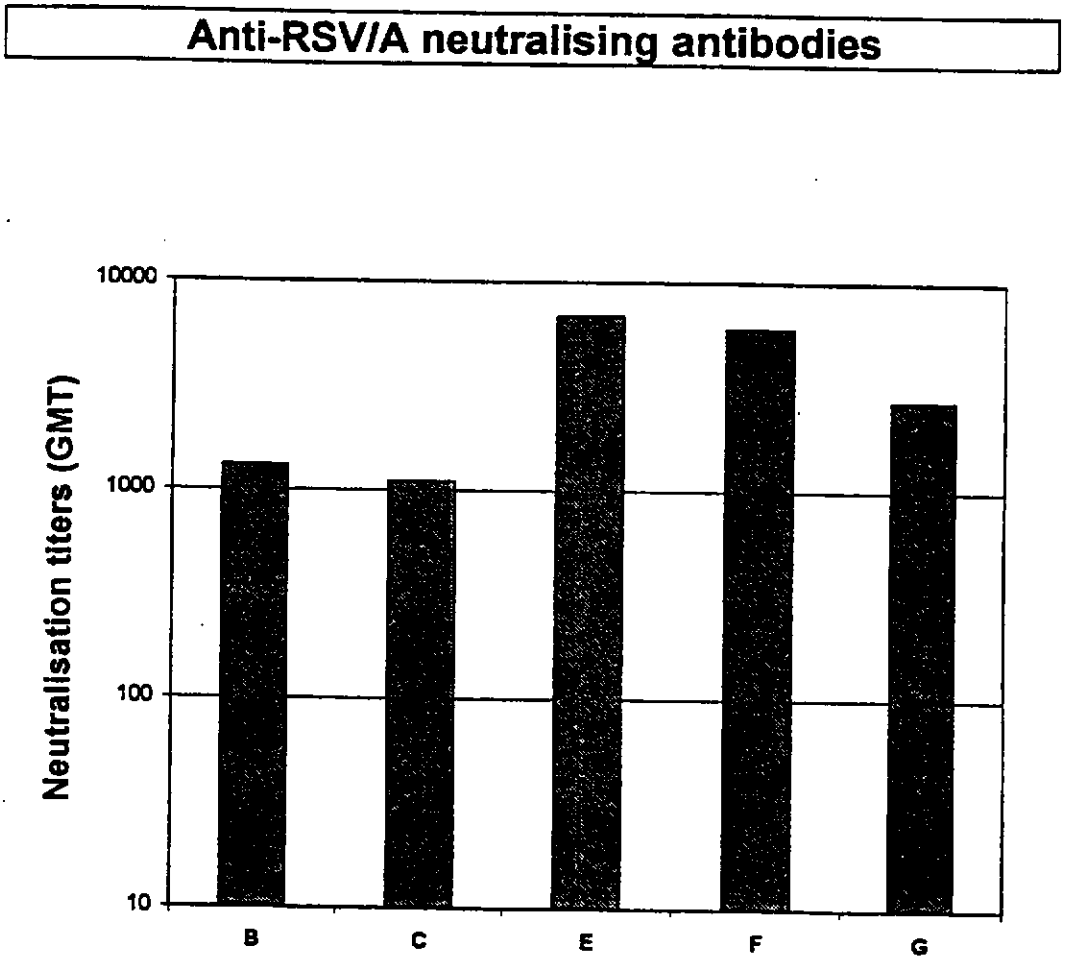
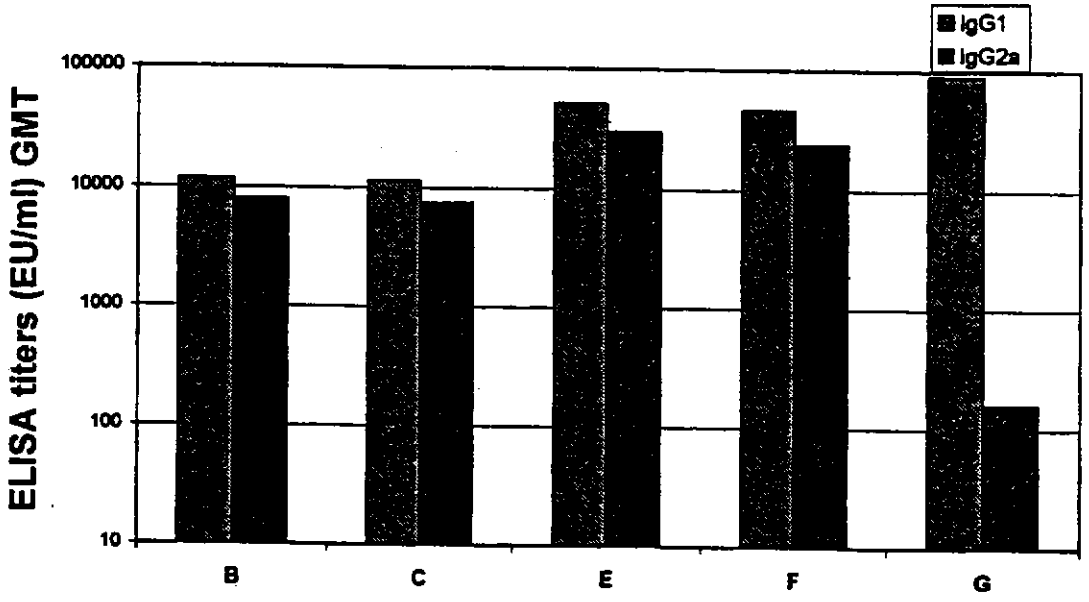

Anti-RSV/A neutralising antibodies
Neutralisation titers (GMT)
10000
1000
100
10
B
C
E
F
G

Fig 16

Anti-FG isotype response



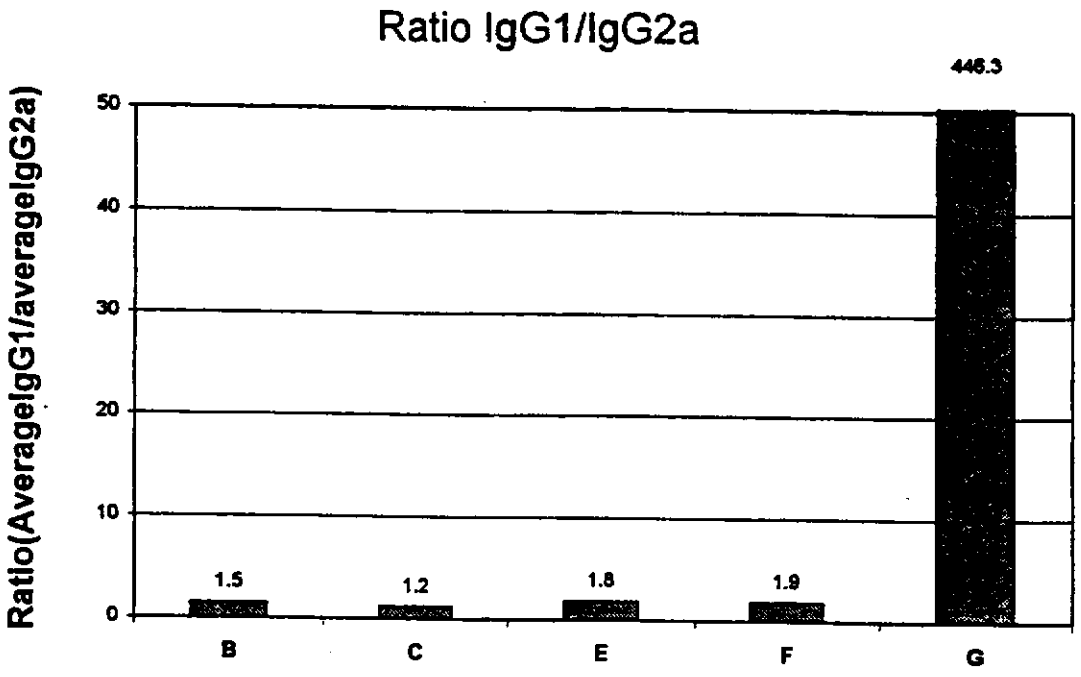


Fig 14

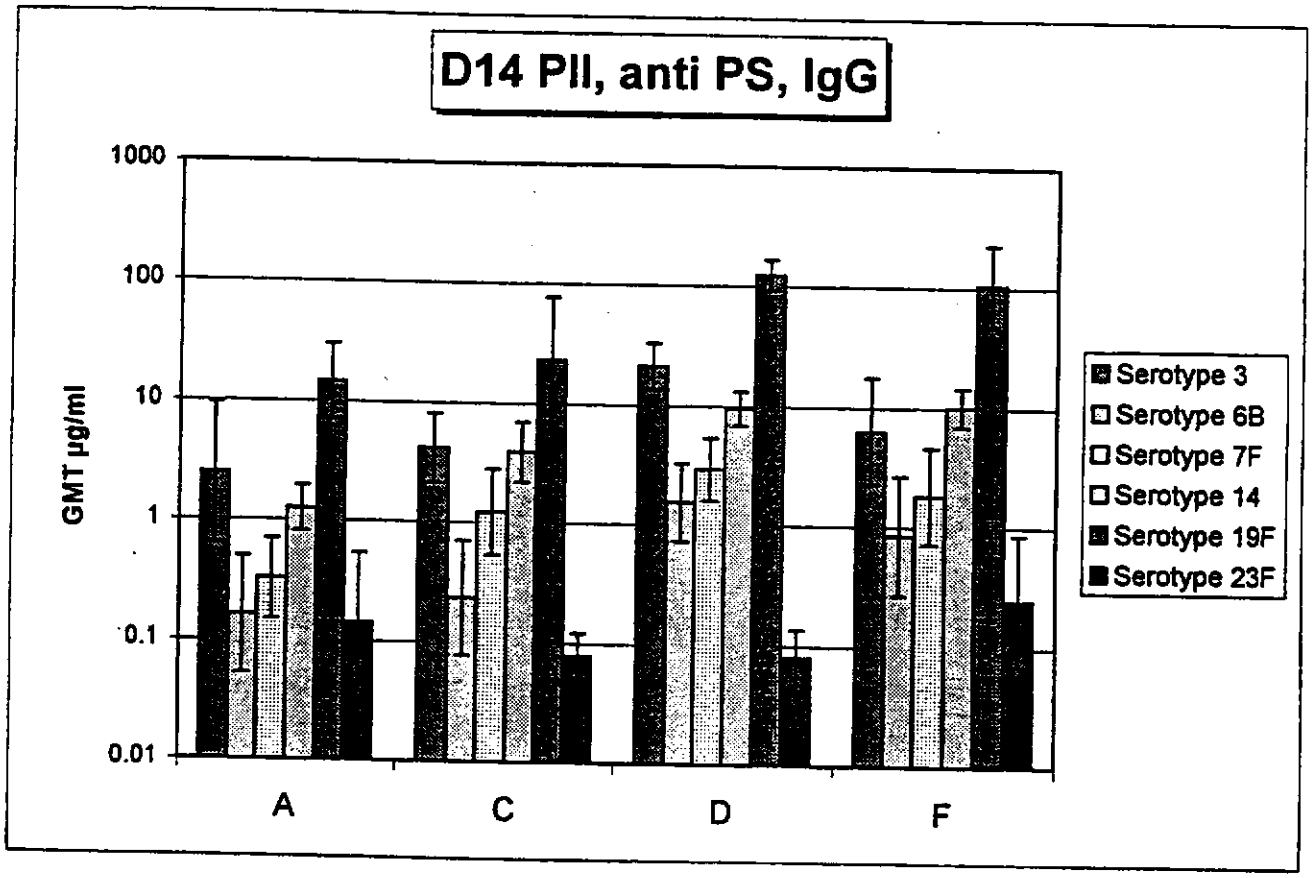
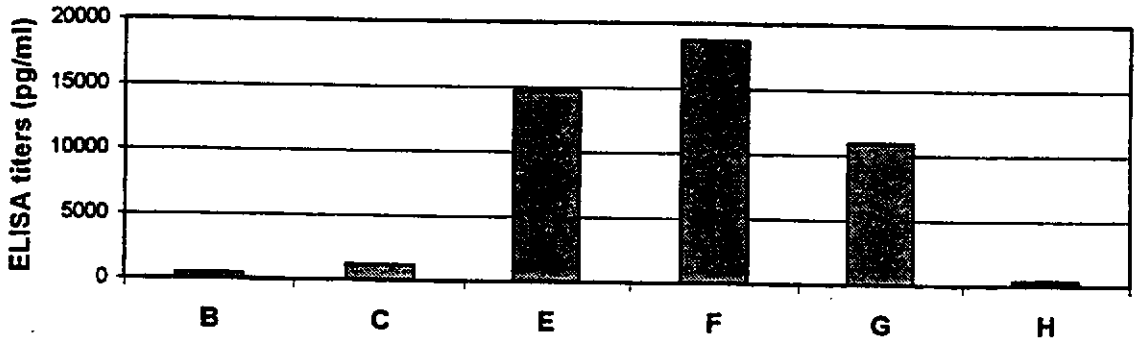

D14 PII, anti PS, IgG
GMT µg/ml
1000
100
10
1
0.1
0.01
A
C
D
F
Serotype 3
Serotype 6B
Serotype 7F
Serotype 14
Serotype 19F
Serotype 23F

Fig 18

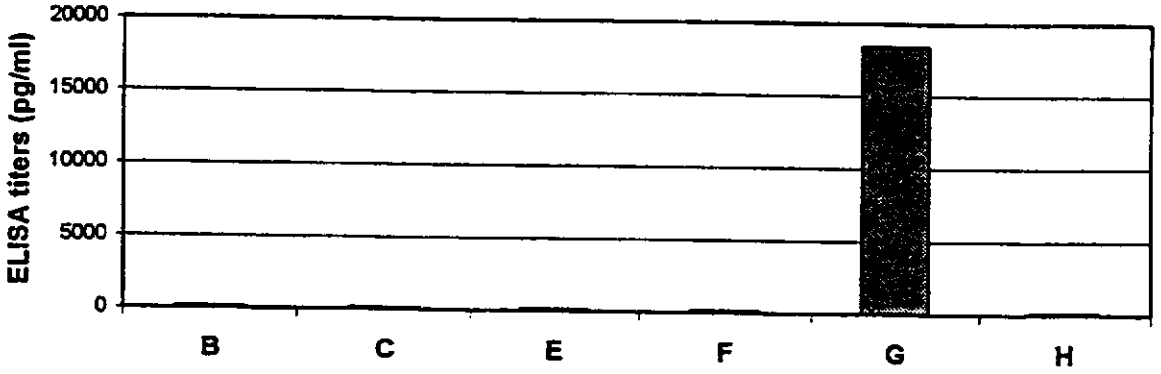
CYTOKINES SECRETION ON SPLEEN CELLS

Ag dose for the in vitro restimulation: 10µg/ml

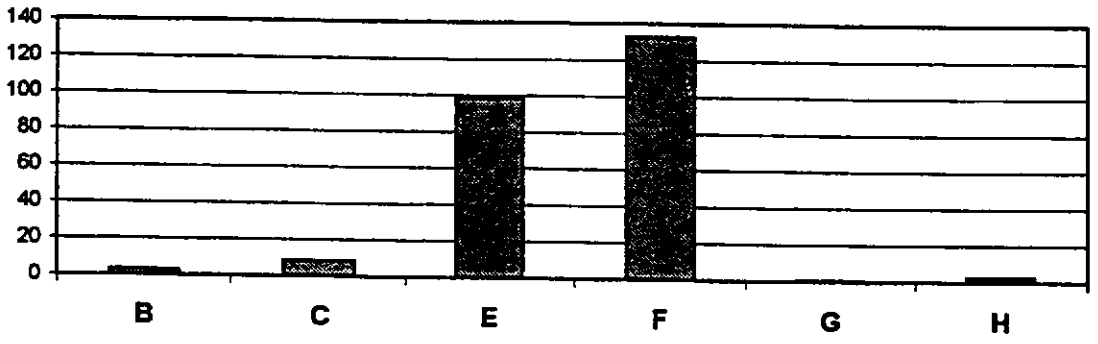
IFN-γ secretion



IL-5 secretion



IFN-γ/IL-5 ratio



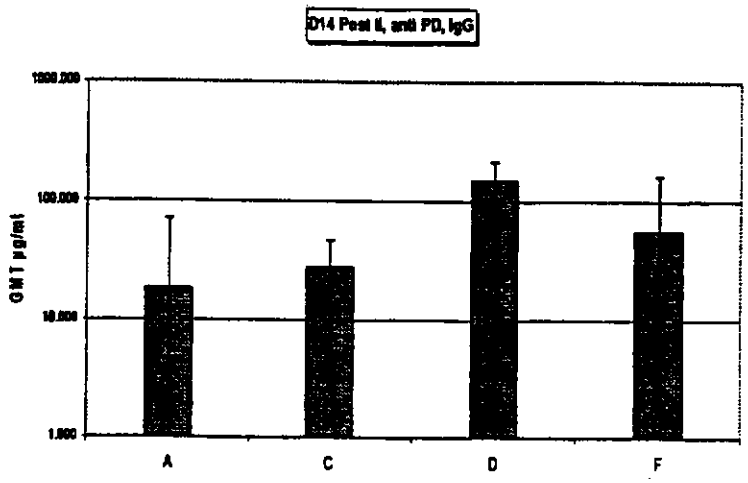
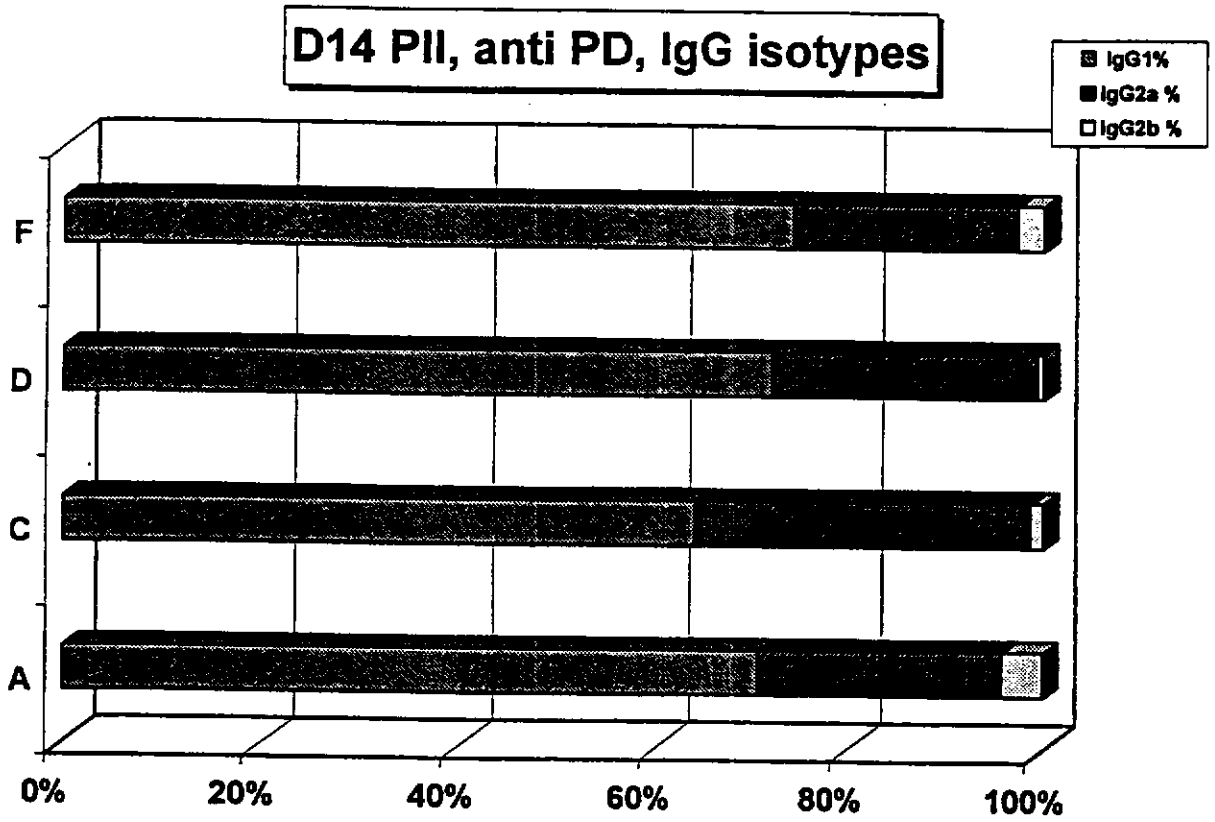


Fig 19

Fig 20


D14 PII, anti PD, IgG isotypes
IgG1%
IgG2a %
IgG2b %
F
D
C
A
0%
20%
40%
60%
80%
100%