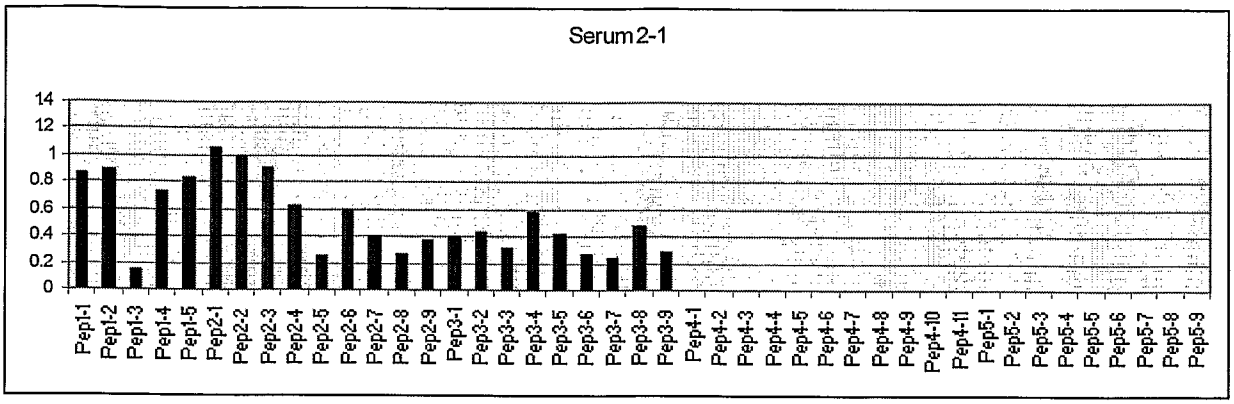
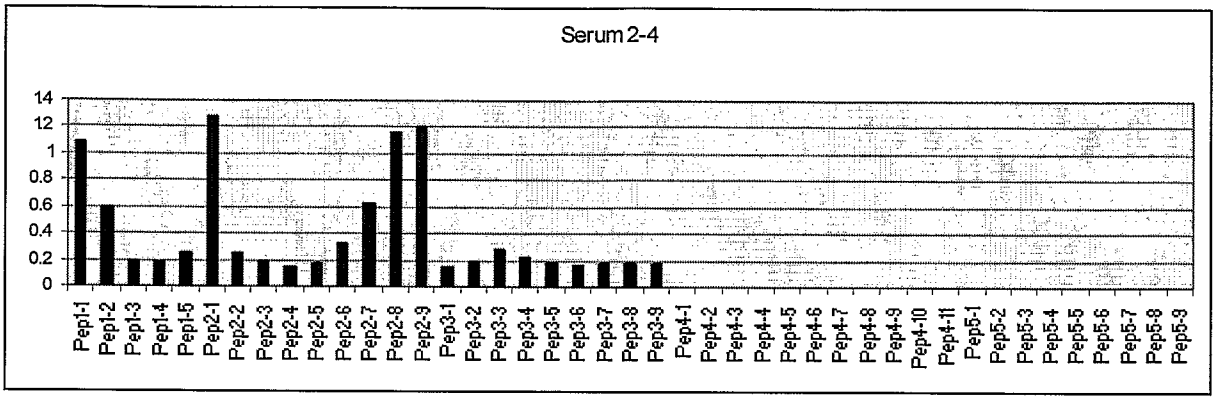
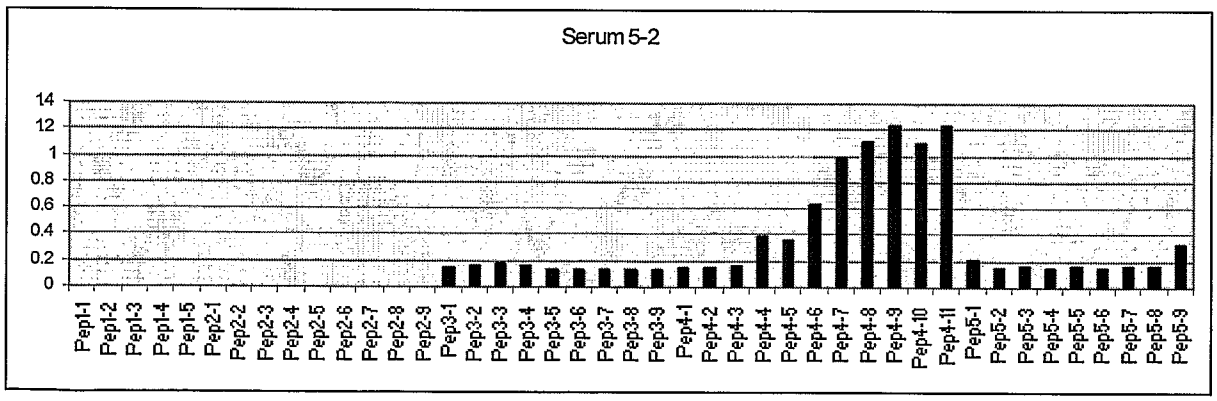
Figure 1


Serum 2-1
14
12
1
0.8
0.6
0.4
0.2
0
Pep1-1 Pep1-2 Pep1-3 Pep1-4 Pep1-5 Pep2-1 Pep2-2 Pep2-3 Pep2-4 Pep2-5 Pep2-6 Pep2-7 Pep2-8 Pep2-9 Pep3-1 Pep3-2 Pep3-3 Pep3-4 Pep3-5 Pep3-6 Pep3-7 Pep3-8 Pep3-9 Pep4-1 Pep4-2 Pep4-3 Pep4-4 Pep4-5 Pep4-6 Pep4-7 Pep4-8 Pep4-9 Pep4-10 Pep4-11 Pep5-1 Pep5-2 Pep5-3 Pep5-4 Pep5-5 Pep5-6 Pep5-7 Pep5-8 Pep5-9


Serum 2-4
14
12
1
0.8
0.6
0.4
0.2
0
Pep1-1 Pep1-2 Pep1-3 Pep1-4 Pep1-5 Pep2-1 Pep2-2 Pep2-3 Pep2-4 Pep2-5 Pep2-6 Pep2-7 Pep2-8 Pep2-9 Pep3-1 Pep3-2 Pep3-3 Pep3-4 Pep3-5 Pep3-6 Pep3-7 Pep3-8 Pep3-9 Pep4-1 Pep4-2 Pep4-3 Pep4-4 Pep4-5 Pep4-6 Pep4-7 Pep4-8 Pep4-9 Pep4-10 Pep4-11 Pep5-1 Pep5-2 Pep5-3 Pep5-4 Pep5-5 Pep5-6 Pep5-7 Pep5-8 Pep5-9


Serum 5-2
14
12
1
0.8
0.6
0.4
0.2
0
Pep1-1 Pep1-2 Pep1-3 Pep1-4 Pep1-5 Pep2-1 Pep2-2 Pep2-3 Pep2-4 Pep2-5 Pep2-6 Pep2-7 Pep2-8 Pep2-9 Pep3-1 Pep3-2 Pep3-3 Pep3-4 Pep3-5 Pep3-6 Pep3-7 Pep3-8 Pep3-9 Pep4-1 Pep4-2 Pep4-3 Pep4-4 Pep4-5 Pep4-6 Pep4-7 Pep4-8 Pep4-9 Pep4-10 Pep4-11 Pep5-1 Pep5-2 Pep5-3 Pep5-4 Pep5-5 Pep5-6 Pep5-7 Pep5-8 Pep5-9

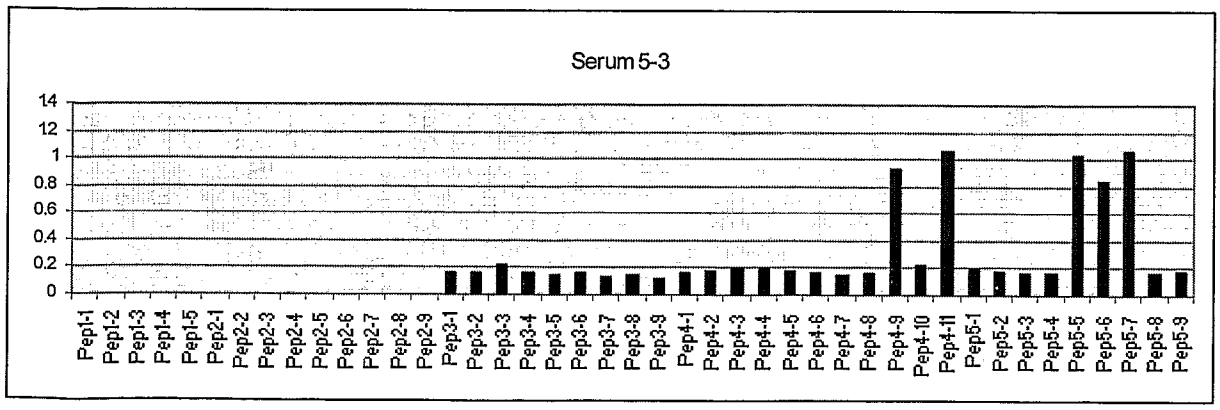
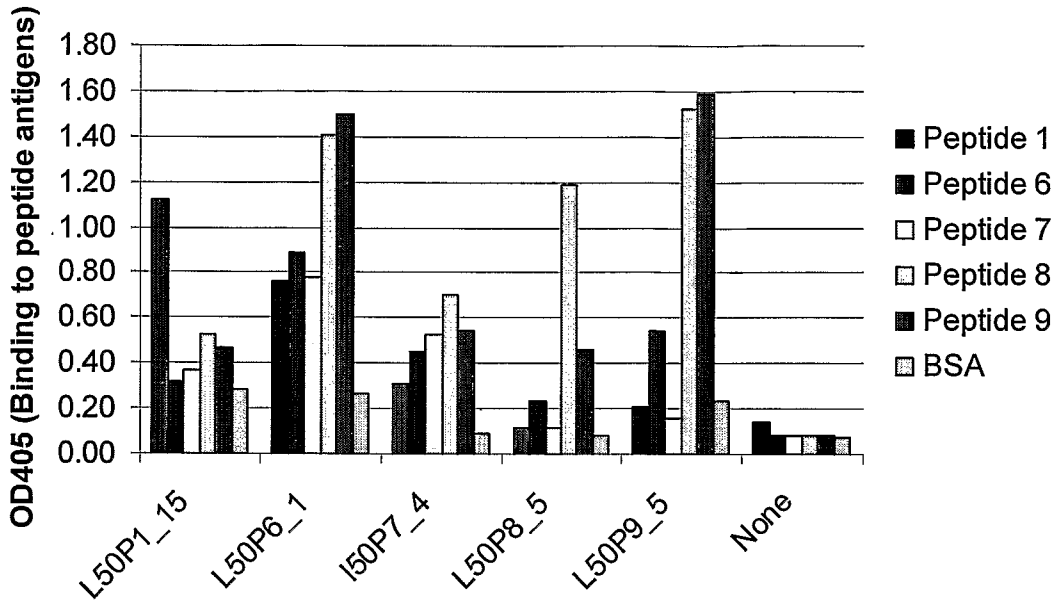

Serum 5-3
14
12
1
0.8
0.6
0.4
0.2
0
Pep1-1 Pep1-2 Pep1-3 Pep1-4 Pep1-5 Pep2-1 Pep2-2 Pep2-3 Pep2-4 Pep2-5 Pep2-6 Pep2-7 Pep2-8 Pep2-9 Pep3-1 Pep3-2 Pep3-3 Pep3-4 Pep3-5 Pep3-6 Pep3-7 Pep3-8 Pep3-9 Pep4-1 Pep4-2 Pep4-3 Pep4-4 Pep4-5 Pep4-6 Pep4-7 Pep4-8 Pep4-9 Pep4-10 Pep4-11 Pep5-1 Pep5-2 Pep5-3 Pep5-4 Pep5-5 Pep5-6 Pep5-7 Pep5-8 Pep5-9

FIGURE 2


OD405 (Binding to peptide antigens)
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
L50P1_15
L50P6_1
l50P7_4
L50P8_5
L50P9_5
None
Peptide 1
Peptide 6
Peptide 7
Peptide 8
Peptide 9
BSA

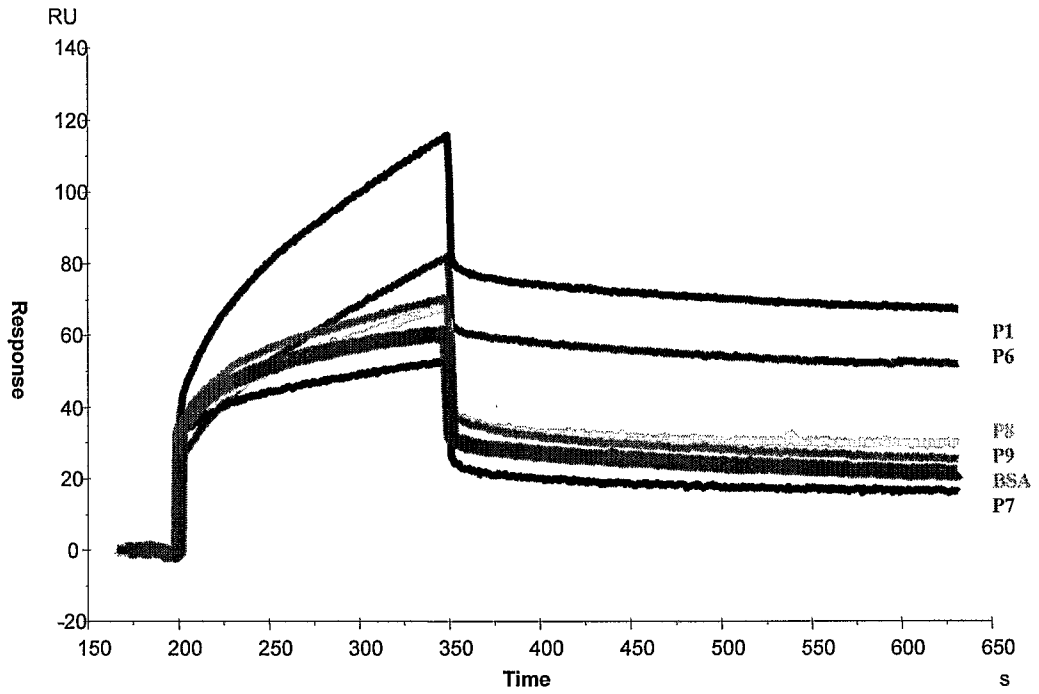

RU
140
120
100
80
60
40
20
0
-20
Response
150
200
250
300
350
400
450
500
550
600
650
Time
s
P1
P6
P8
P9
BSA
P7

FIGURE 3