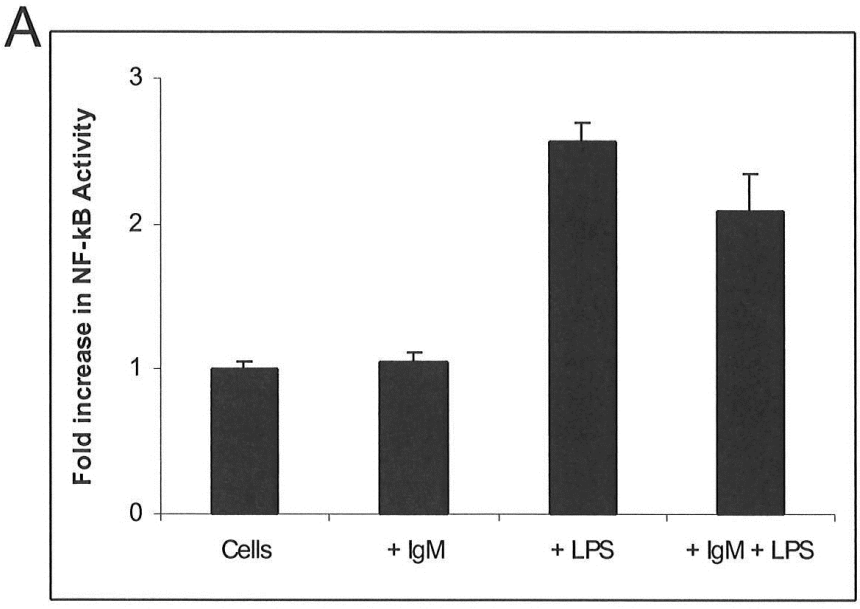

A
Fold increase in NF-kB Activity
3
2
1
0
Cells
+ IgM
+ LPS
+ IgM + LPS

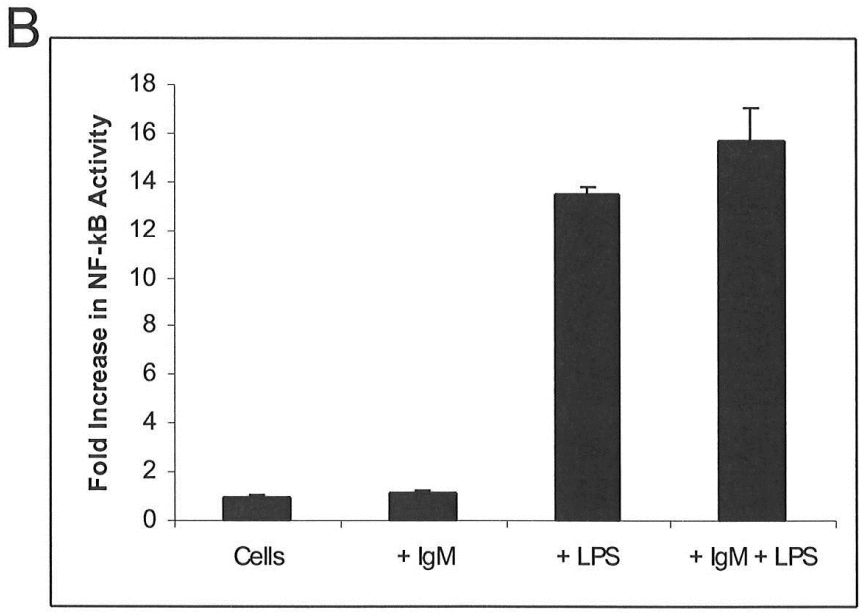

B
Fold Increase in NF-kB Activity
18
16
14
12
10
8
6
4
2
0
Cells
+ IgM
+ LPS
+ IgM + LPS

Figure 1

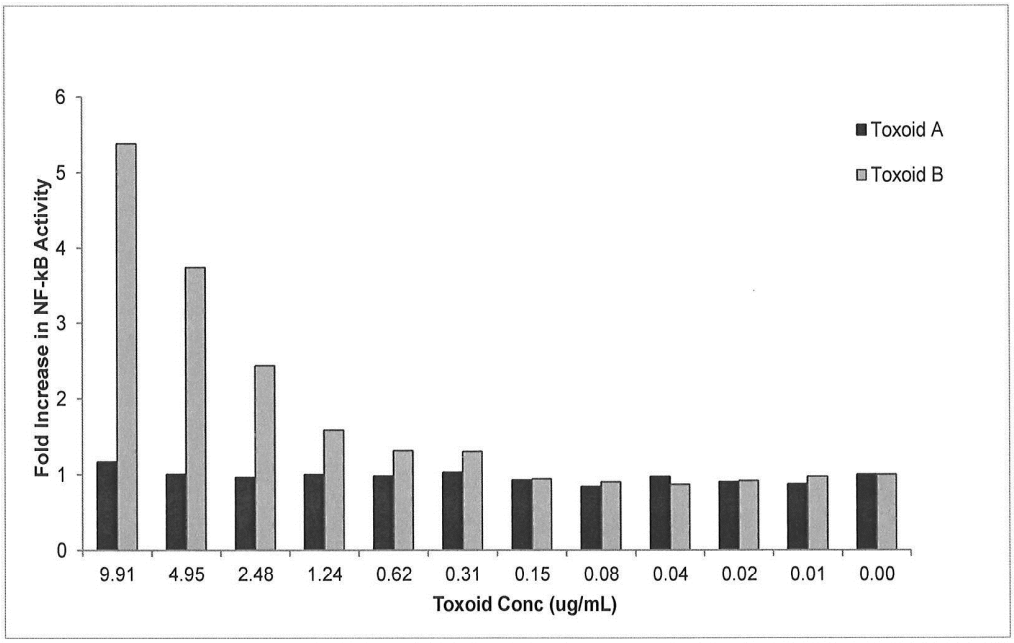

Fold Increase in NF-kB Activity
0
1
2
3
4
5
6
9.91
4.95
2.48
1.24
0.62
0.31
0.15
0.08
0.04
0.02
0.01
0.00
Toxoid Conc (ug/mL)
Toxoid A
Toxoid B

Figure 2

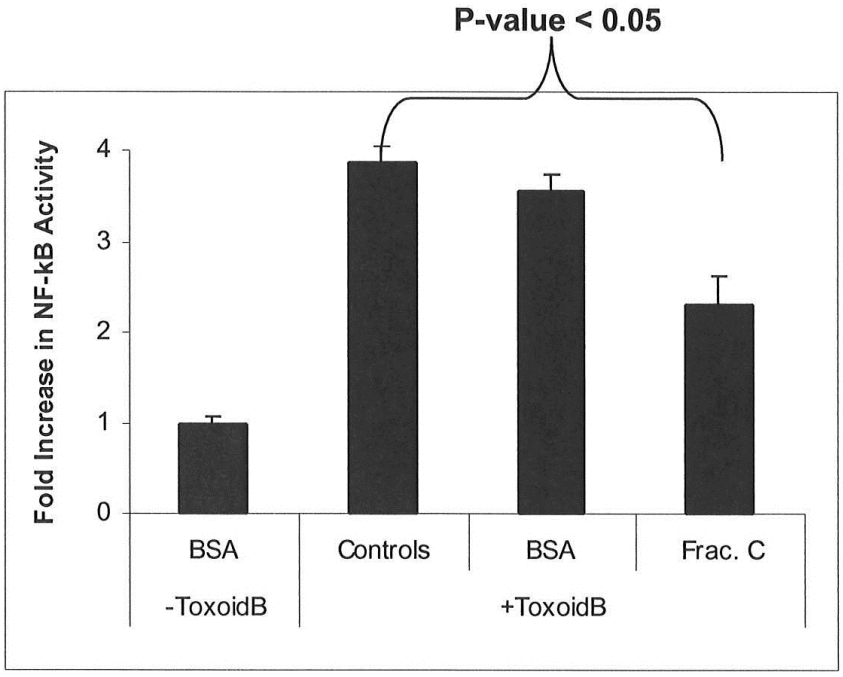

P-value < 0.05
Fold Increase in NF-kB Activity
4
3
2
1
0
BSA
Controls
BSA
Frac. C
-ToxoidB
+ToxoidB

Figure 3

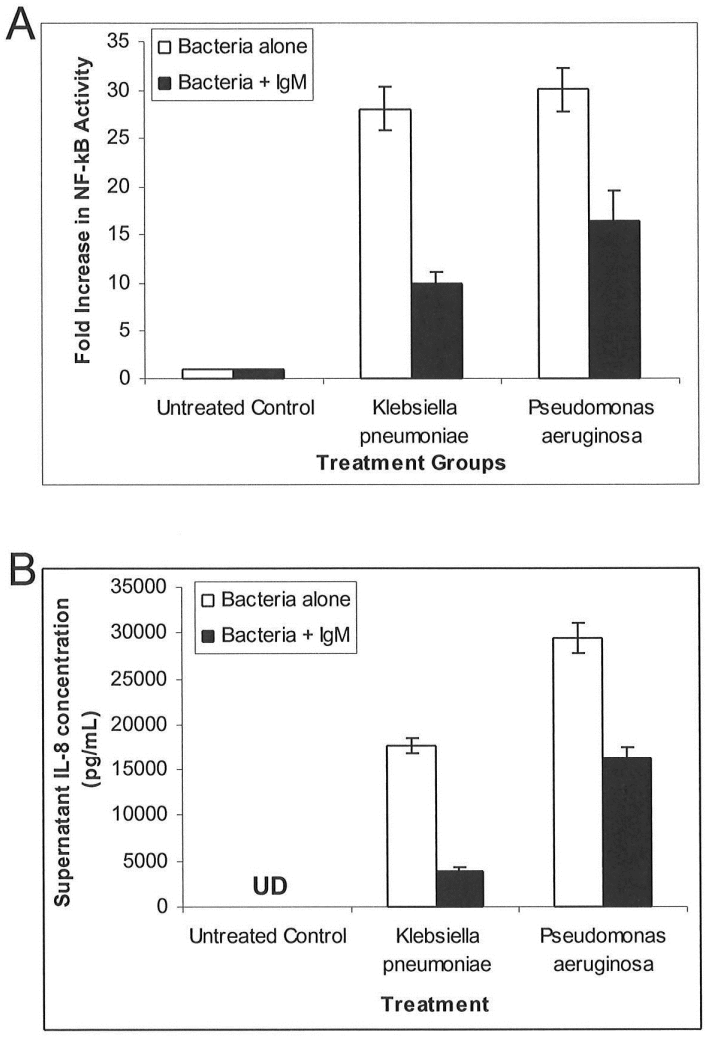

A
Bacteria alone
Bacteria + IgM
Fold Increase in NF-kB Activity
35
30
25
20
15
10
5
0
Untreated Control
Klebsiella pneumoniae
Pseudomonas aeruginosa
Treatment Groups
B
Bacteria alone
Bacteria + IgM
Supernatant IL-8 concentration (pg/mL)
35000
30000
25000
20000
15000
10000
5000
0
UD
Untreated Control
Klebsiella pneumoniae
Pseudomonas aeruginosa
Treatment

Figure 4

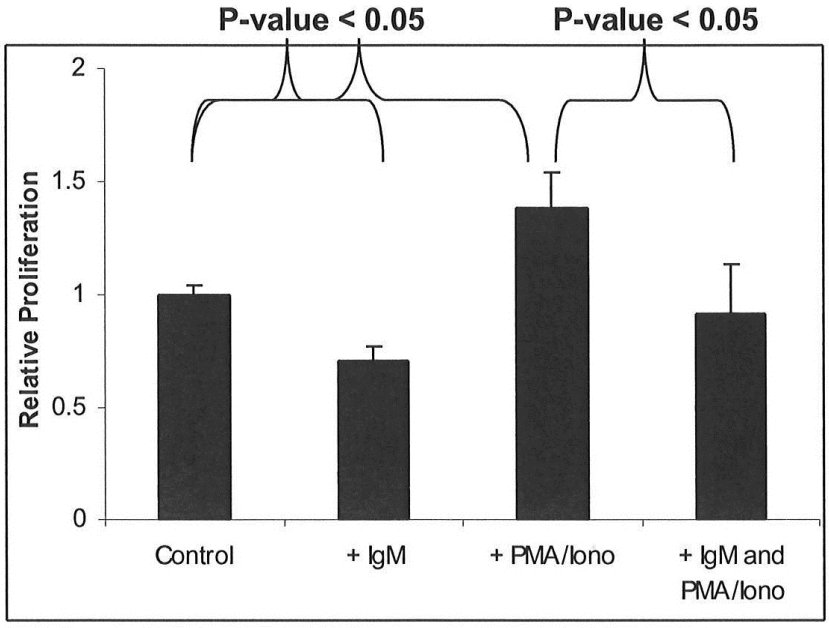

P-value < 0.05
P-value < 0.05
Relative Proliferation
2
1.5
1
0.5
0
Control
+ IgM
+ PMA/Iono
+ IgM and PMA/Iono

Figure 5