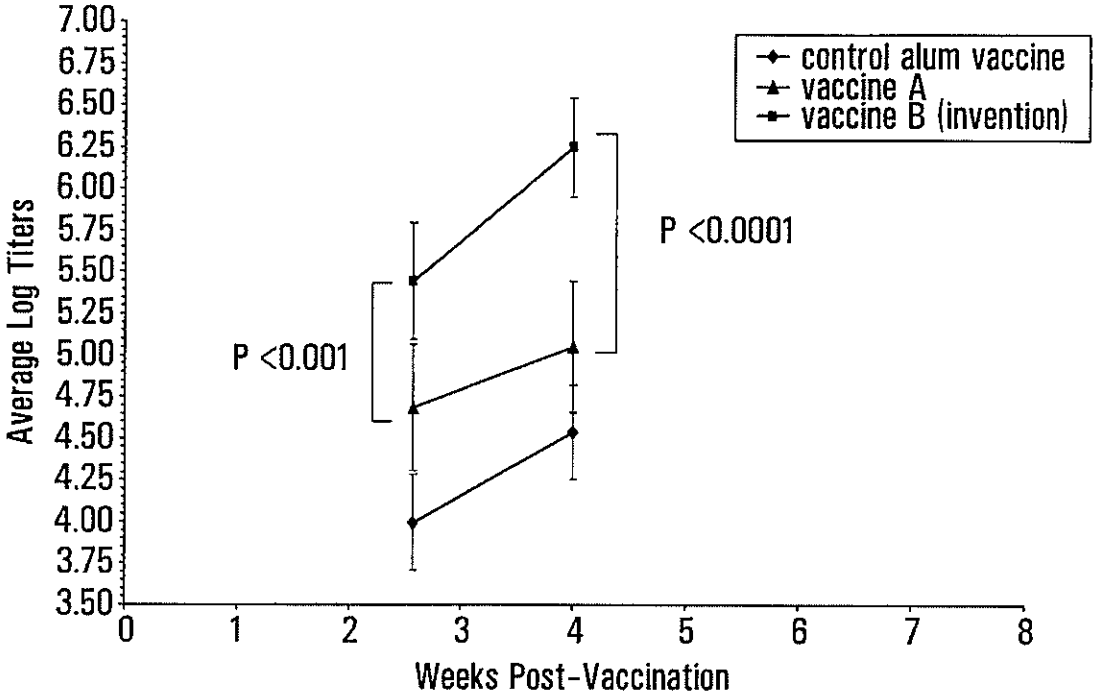

control alum vaccine
vaccine A
vaccine B (invention)
P <0.0001
P <0.001
Average Log Titers
Weeks Post-Vaccination
7.00
6.75
6.50
6.25
6.00
5.75
5.50
5.25
5.00
4.75
4.50
4.25
4.00
3.75
3.50
0
1
2
3
4
5
6
7
8

FIG. 1

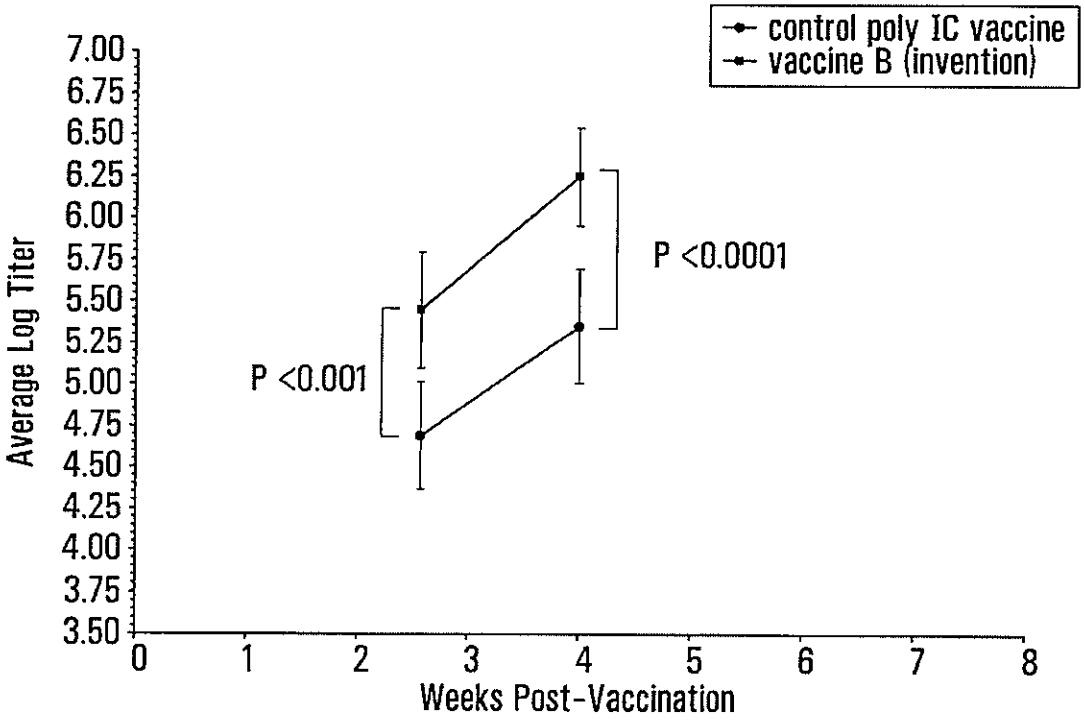

control poly IC vaccine
vaccine B (invention)
P <0.0001
P <0.001
Average Log Titer
Weeks Post-Vaccination
7.00
6.75
6.50
6.25
6.00
5.75
5.50
5.25
5.00
4.75
4.50
4.25
4.00
3.75
3.50
0
1
2
3
4
5
6
7
8

FIG. 2

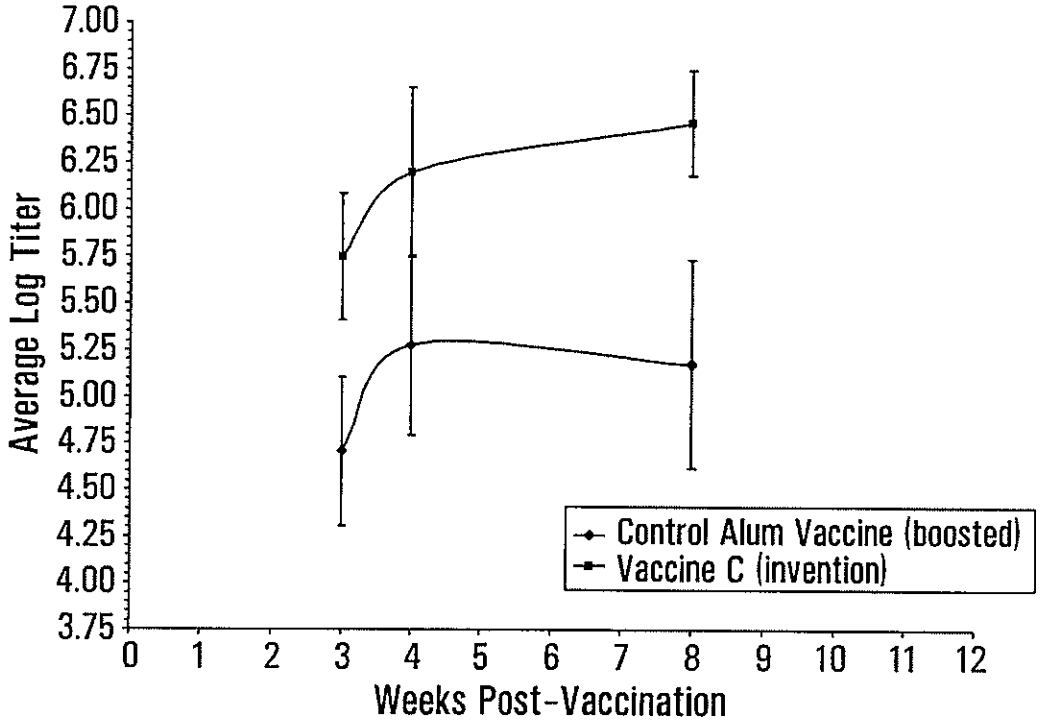

7.00
6.75
6.50
6.25
6.00
5.75
5.50
5.25
5.00
4.75
4.50
4.25
4.00
3.75
Average Log Titer
0 1 2 3 4 5 6 7 8 9 10 11 12
Weeks Post-Vaccination
Control Alum Vaccine (boosted)
Vaccine C (invention)

FIG. 3

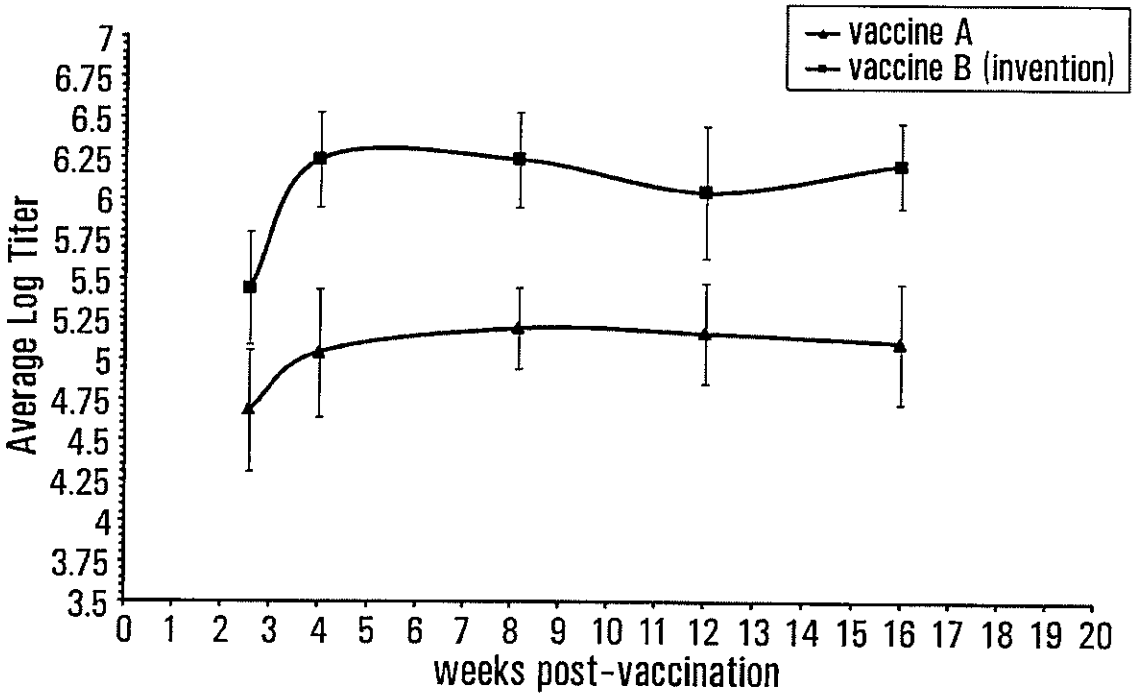

7
6.75
6.5
6.25
6
5.75
5.5
5.25
5
4.75
4.5
4.25
4
3.75
3.5
Average Log Titer
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
weeks post-vaccination
vaccine A
vaccine B (invention)

FIG. 4

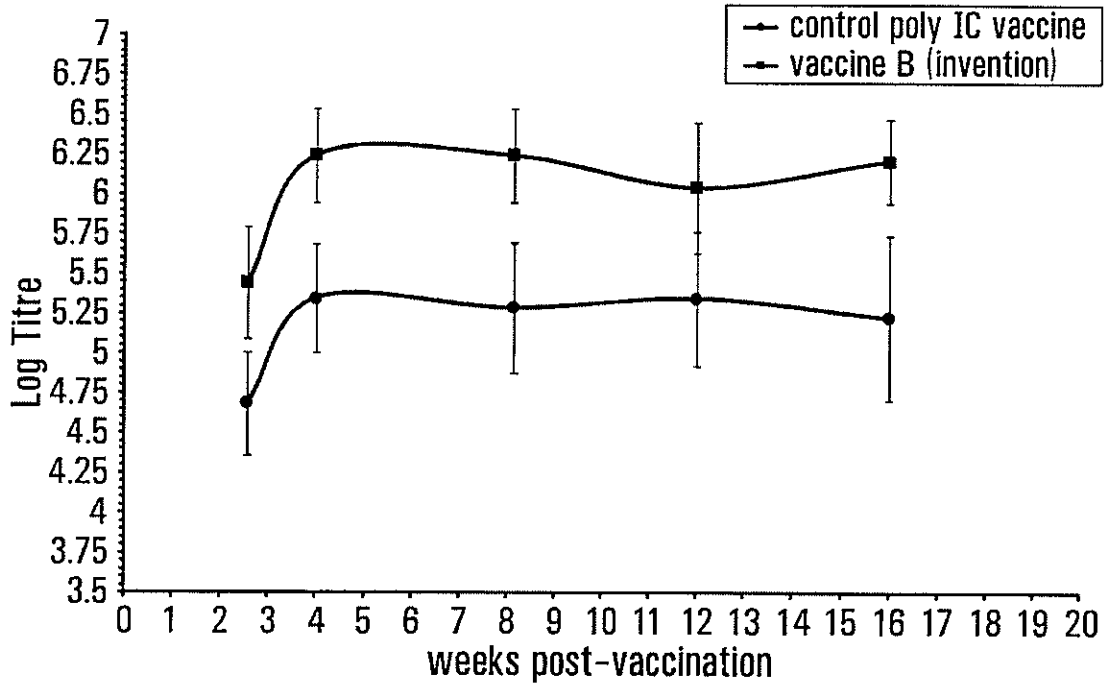

control poly IC vaccine
vaccine B (invention)
Log Titre
7
6.75
6.5
6.25
6
5.75
5.5
5.25
5
4.75
4.5
4.25
4
3.75
3.5
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
weeks post-vaccination

FIG. 5

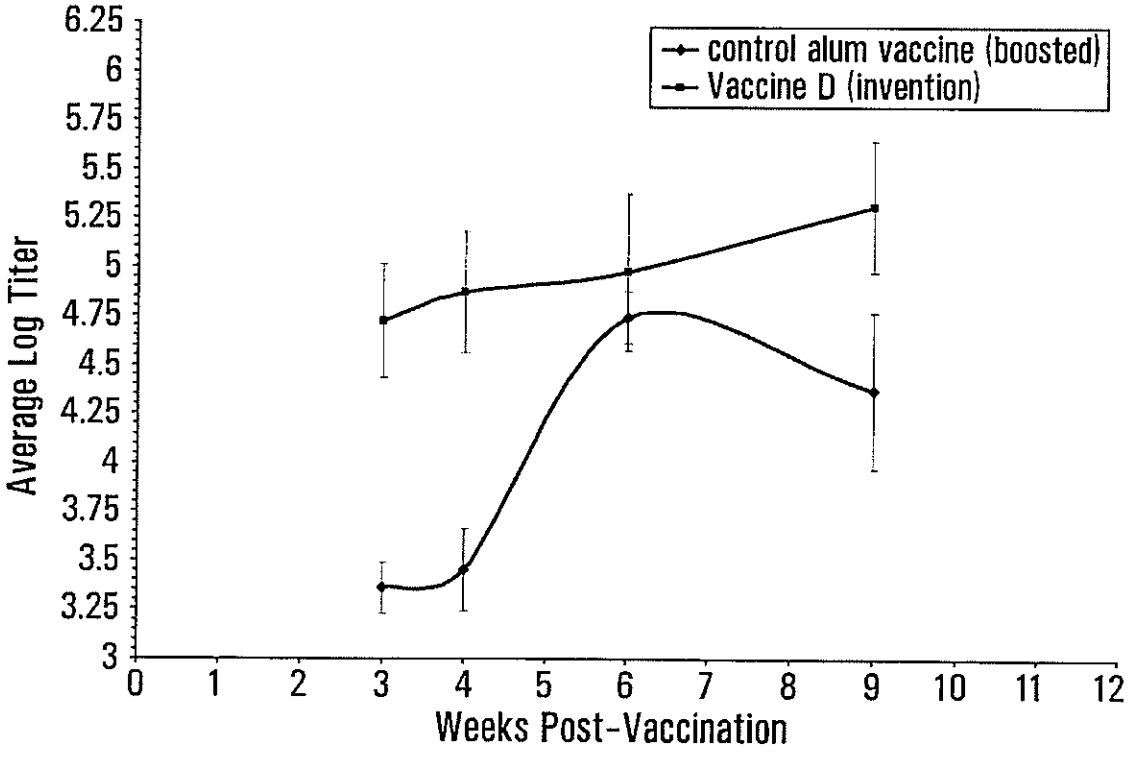

control alum vaccine (boosted)
Vaccine D (invention)
Average Log Titer
6.25
6
5.75
5.5
5.25
5
4.75
4.5
4.25
4
3.75
3.5
3.25
3
0 1 2 3 4 5 6 7 8 9 10 11 12
Weeks Post-Vaccination

FIG. 6

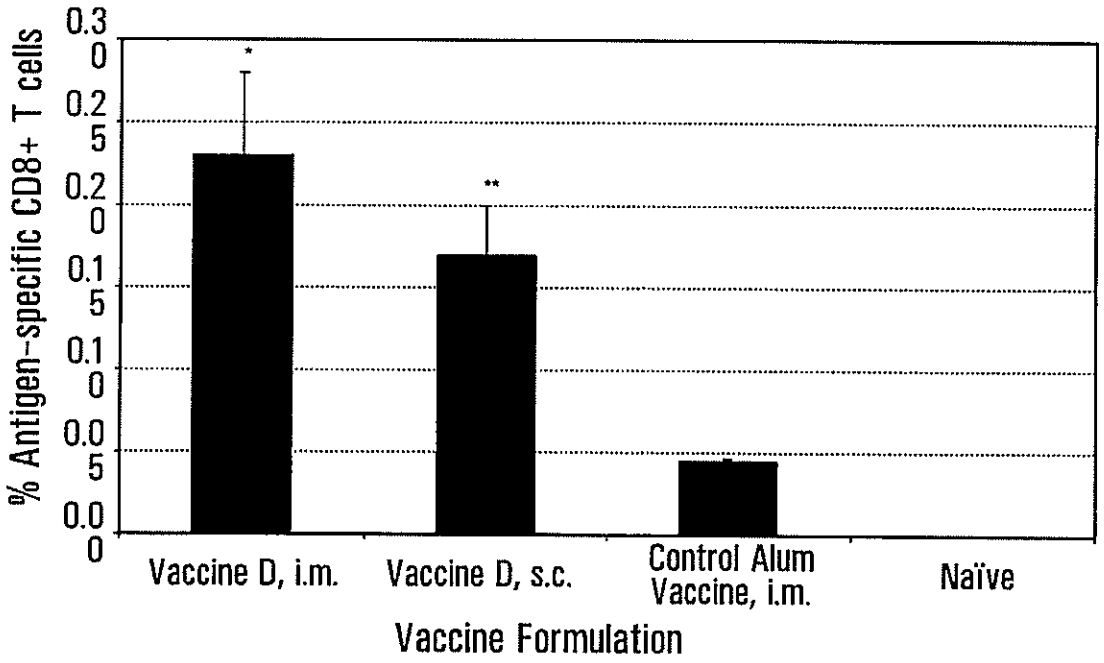

% Antigen-specific CD8+ T cells
0.3
0
0.2
5
0.2
0
0.1
5
0.1
0
0.0
5
0.0
0
*
**
Vaccine D, i.m.
Vaccine D, s.c.
Control Alum Vaccine, i.m.
Naïve
Vaccine Formulation

FIG. 7

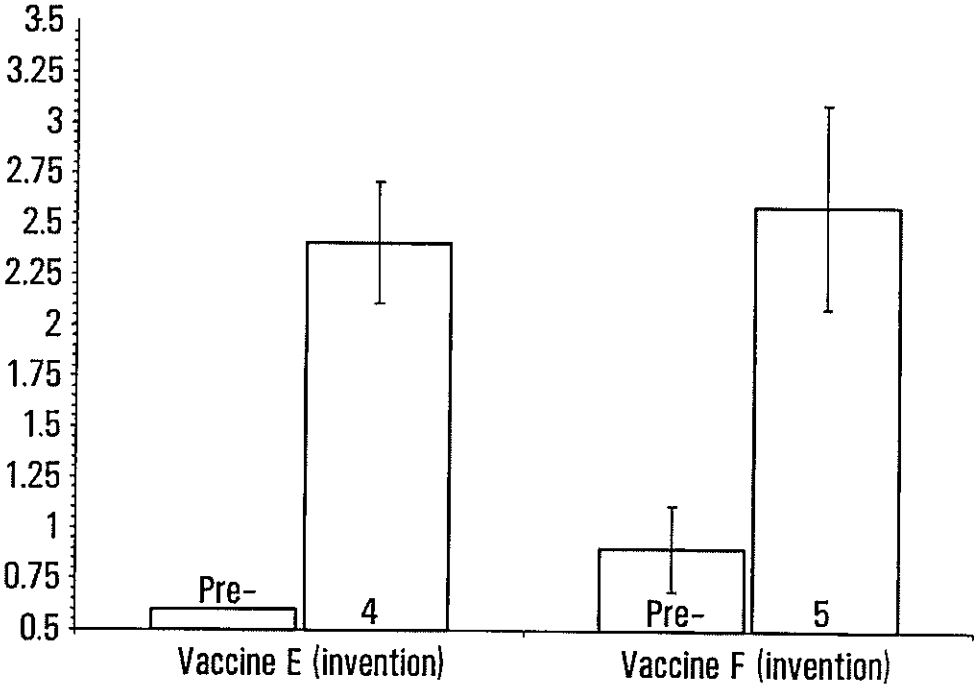

3.5
3.25
3
2.75
2.5
2.25
2
1.75
1.5
1.25
1
0.75
0.5
Pre-
4
Pre-
5
Vaccine E (invention)
Vaccine F (invention)

FIG. 8

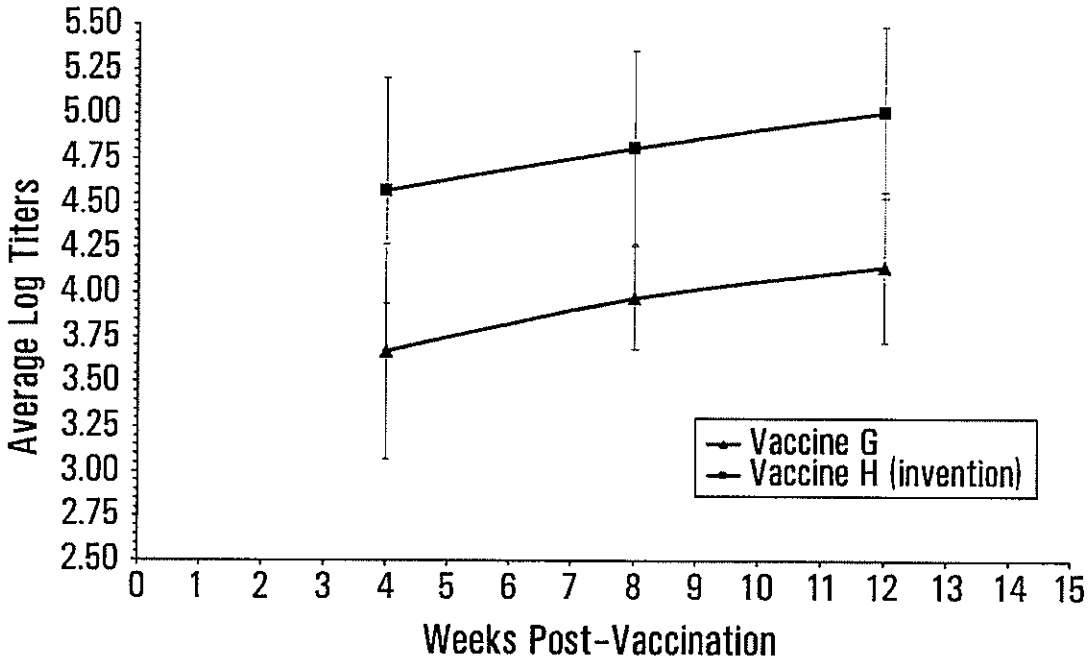

Average Log Titers
5.50
5.25
5.00
4.75
4.50
4.25
4.00
3.75
3.50
3.25
3.00
2.75
2.50
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Weeks Post-Vaccination
Vaccine G
Vaccine H (invention)

FIG. 9

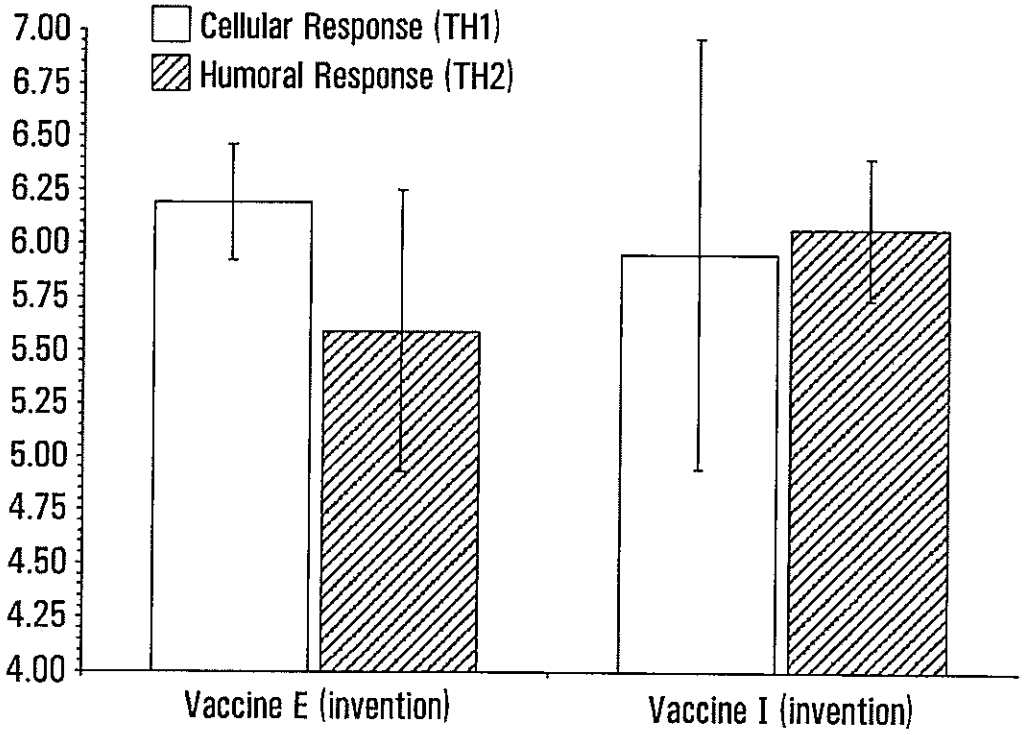

Cellular Response (TH1)
Humoral Response (TH2)
7.00
6.75
6.50
6.25
6.00
5.75
5.50
5.25
5.00
4.75
4.50
4.25
4.00
Vaccine E (invention)
Vaccine I (invention)

FIG. 10

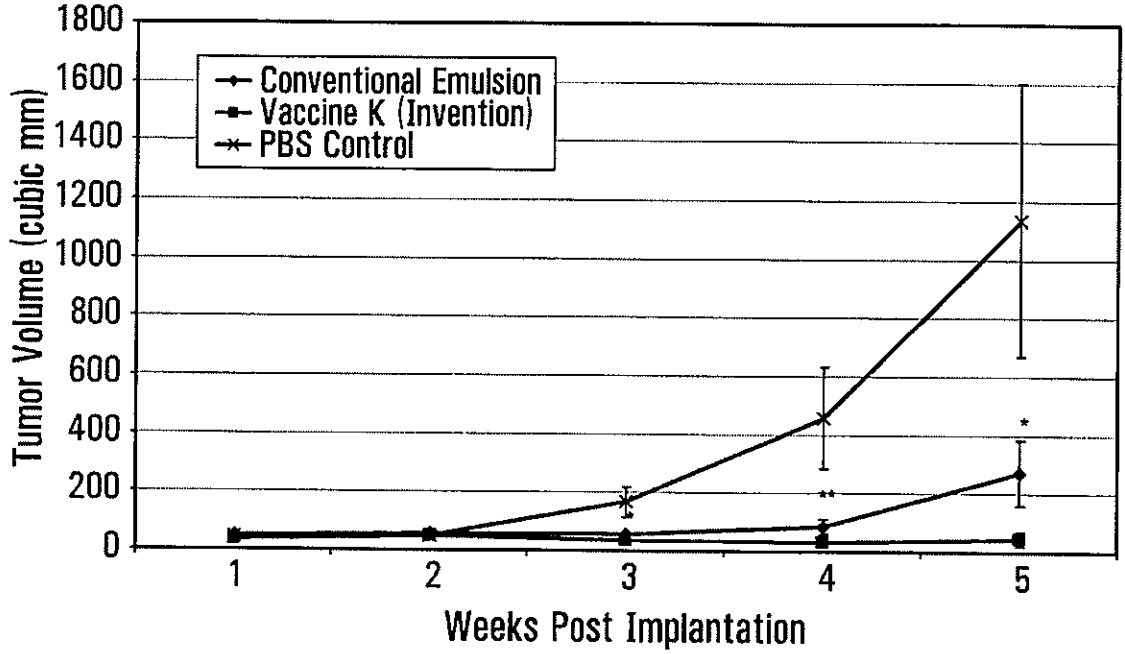

1800
1600
1400
1200
1000
800
600
400
200
0
Tumor Volume (cubic mm)
Conventional Emulsion
Vaccine K (Invention)
PBS Control
1
2
3
4
5
Weeks Post Implantation

FIG. 11

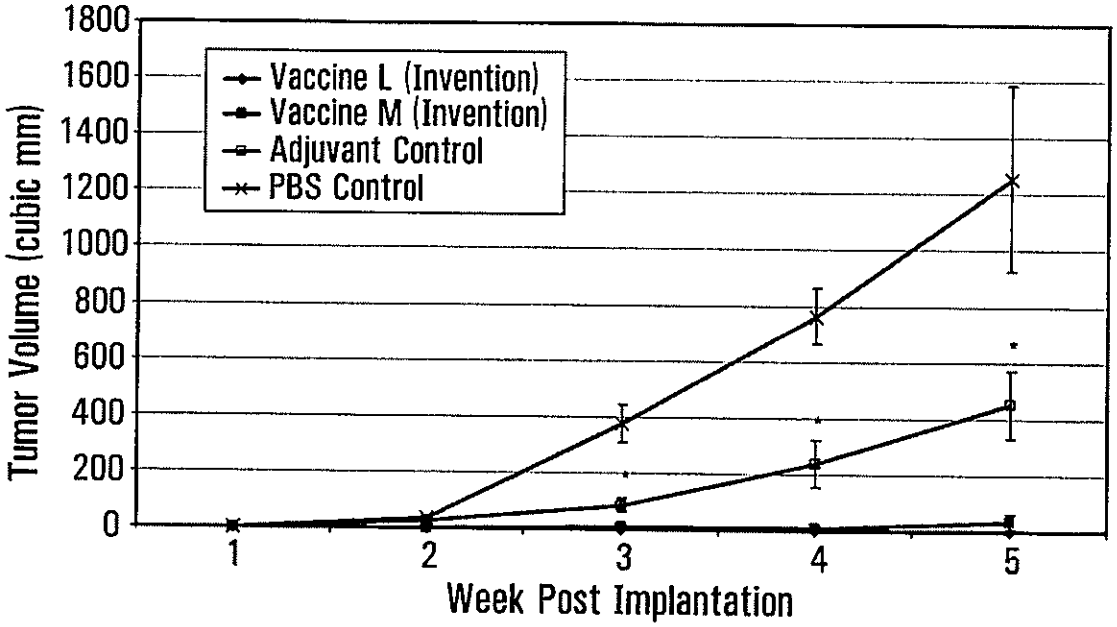

1800
1600
1400
1200
1000
800
600
400
200
0
Tumor Volume (cubic mm)
Vaccine L (Invention)
Vaccine M (Invention)
Adjuvant Control
PBS Control
1
2
3
4
5
Week Post Implantation

FIG. 12

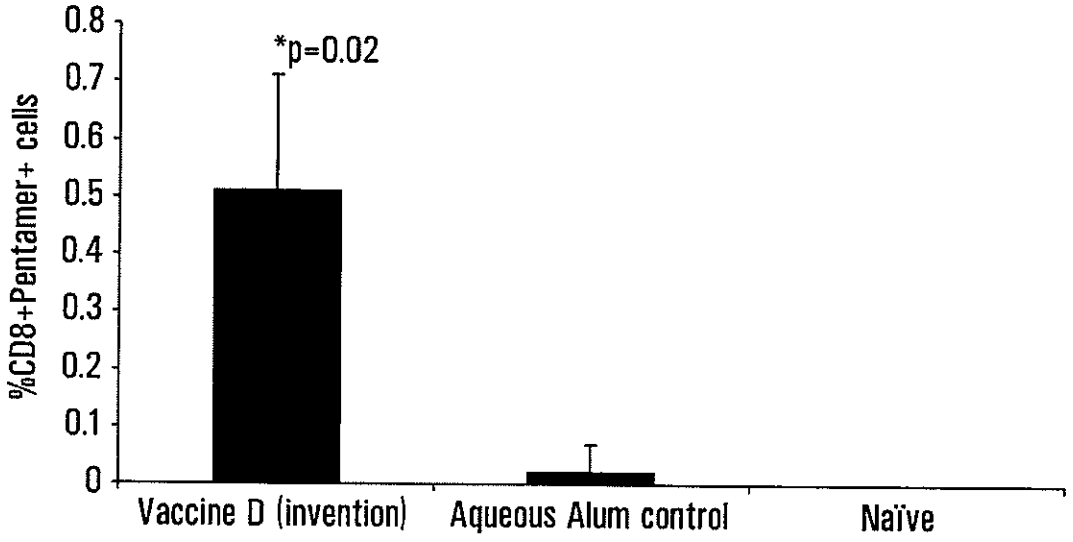

0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
%CD8+Pentamer+ cells
*p=0.02
Vaccine D (invention)
Aqueous Alum control
Naïve

FIG. 13