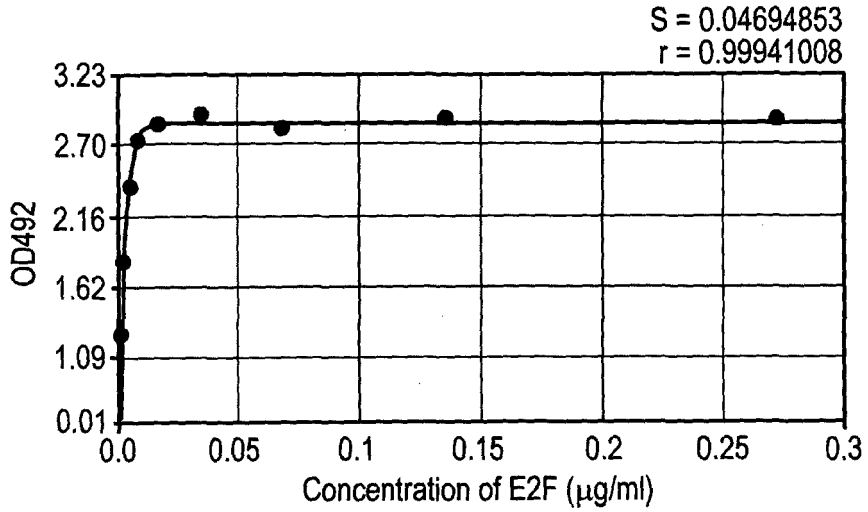

S = 0.04694853
r = 0.99941008
OD492
3.23
2.70
2.16
1.62
1.09
0.01
0.0
0.05
0.1
0.15
0.2
0.25
0.3
Concentration of E2F (μg/ml)

Fig. 1

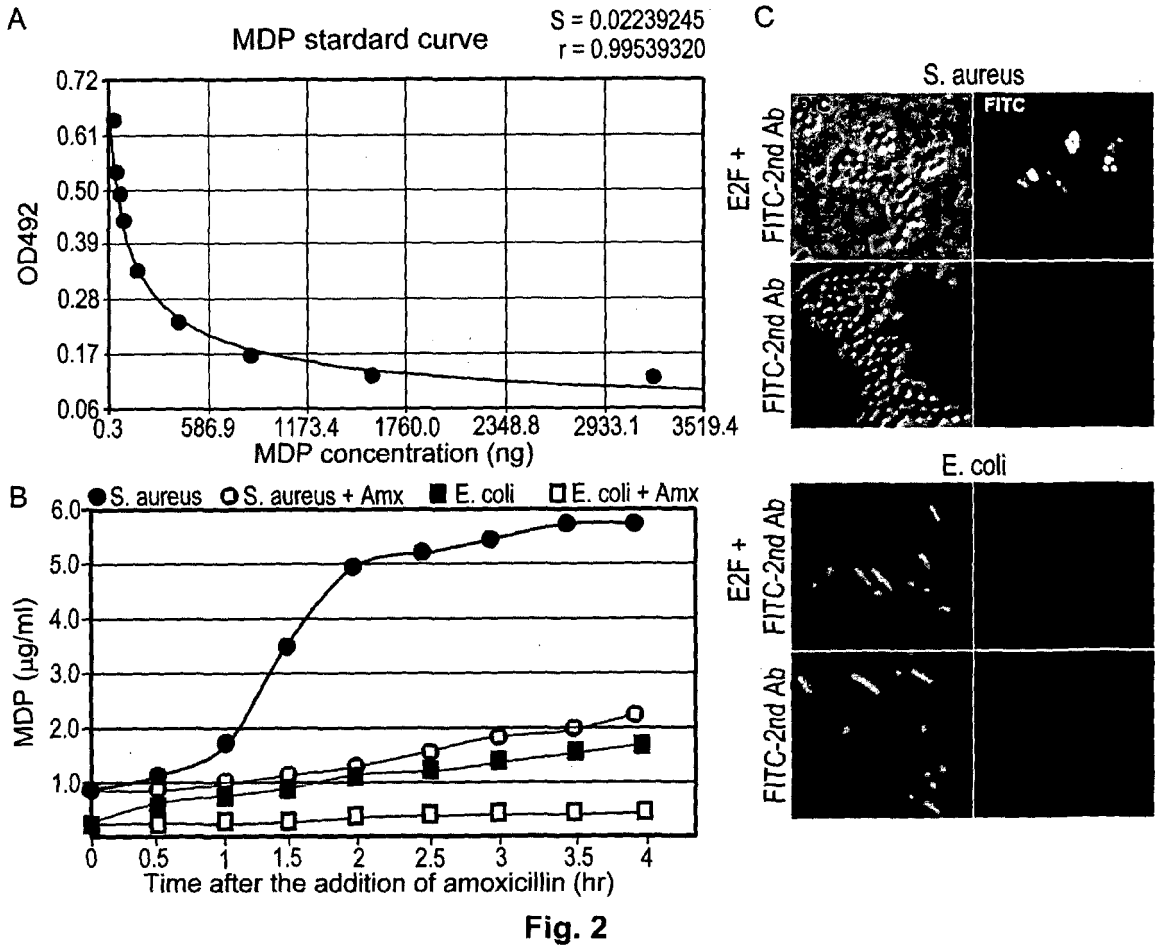

A
MDP stardard curve
S = 0.02239245
r = 0.99539320
OD492
0.72
0.61
0.50
0.39
0.28
0.17
0.06
0.3
586.9
1173.4
1760.0
2348.8
2933.1
3519.4
MDP concentration (ng)
B
S. aureus
S. aureus + Amx
E. coli
E. coli + Amx
MDP (μg/ml)
6.0
5.0
4.0
3.0
2.0
1.0
0
0.5
1
1.5
2
2.5
3
3.5
4
Time after the addition of amoxicillin (hr)
C
S. aureus
E. coli
E2F +
FITC-2nd Ab
FITC

Fig. 2

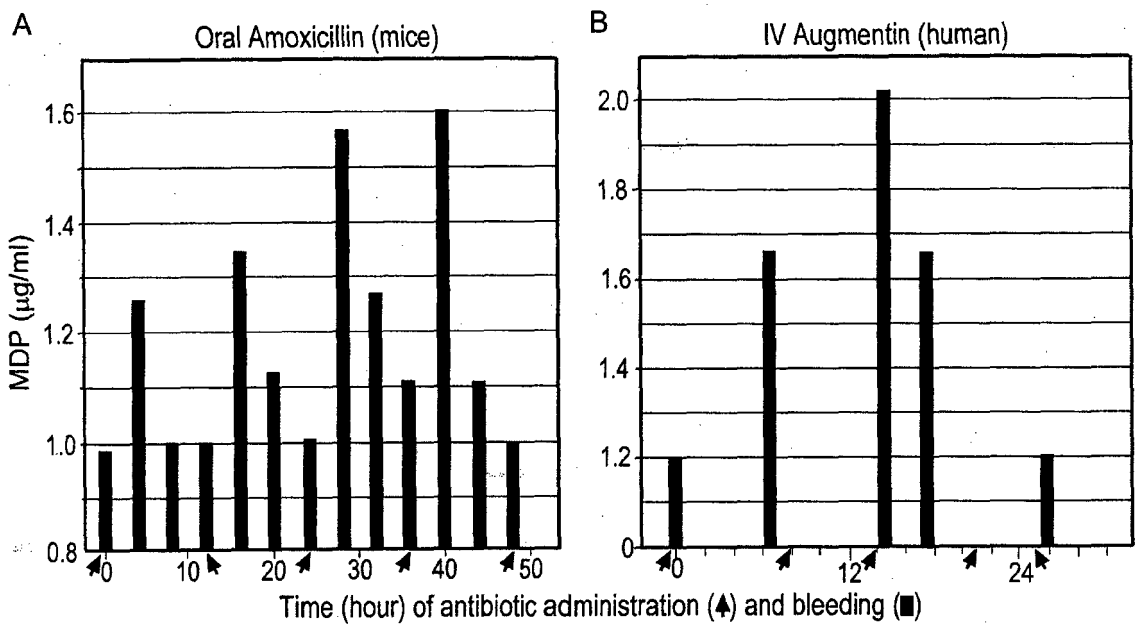

A
Oral Amoxicillin (mice)
MDP (µg/ml)
1.6
1.4
1.2
1.0
0.8
0
10
20
30
40
50
B
IV Augmentin (human)
2.0
1.8
1.6
1.4
1.2
0
0
12
24
Time (hour) of antibiotic administration (▲) and bleeding (■)

Fig. 3

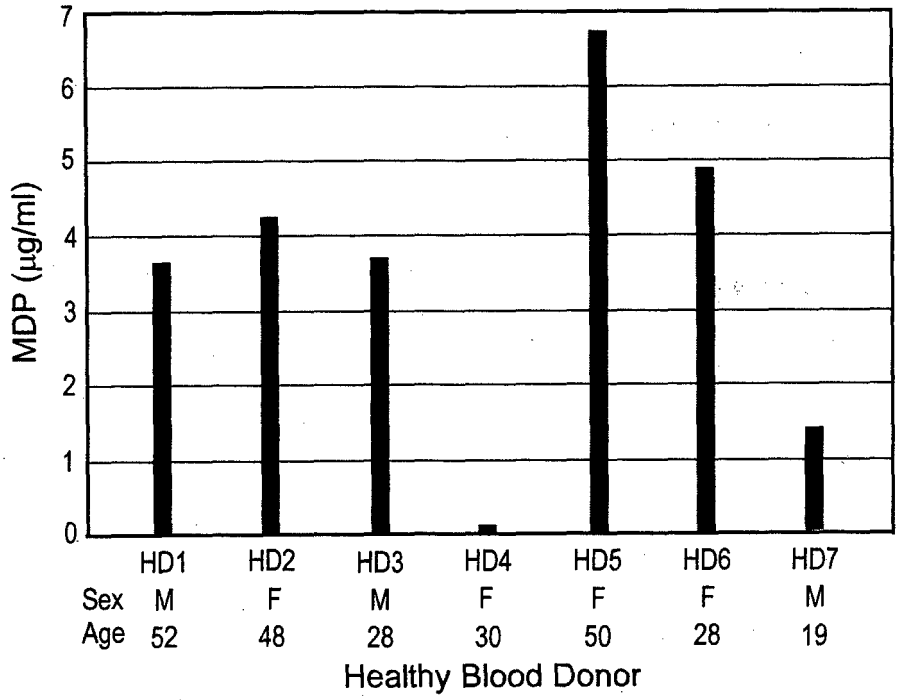

MDP (µg/ml)
7
6
5
4
3
2
1
0
HD1 HD2 HD3 HD4 HD5 HD6 HD7
Sex M F M F F F M
Age 52 48 28 30 50 28 19
Healthy Blood Donor

Fig. 4