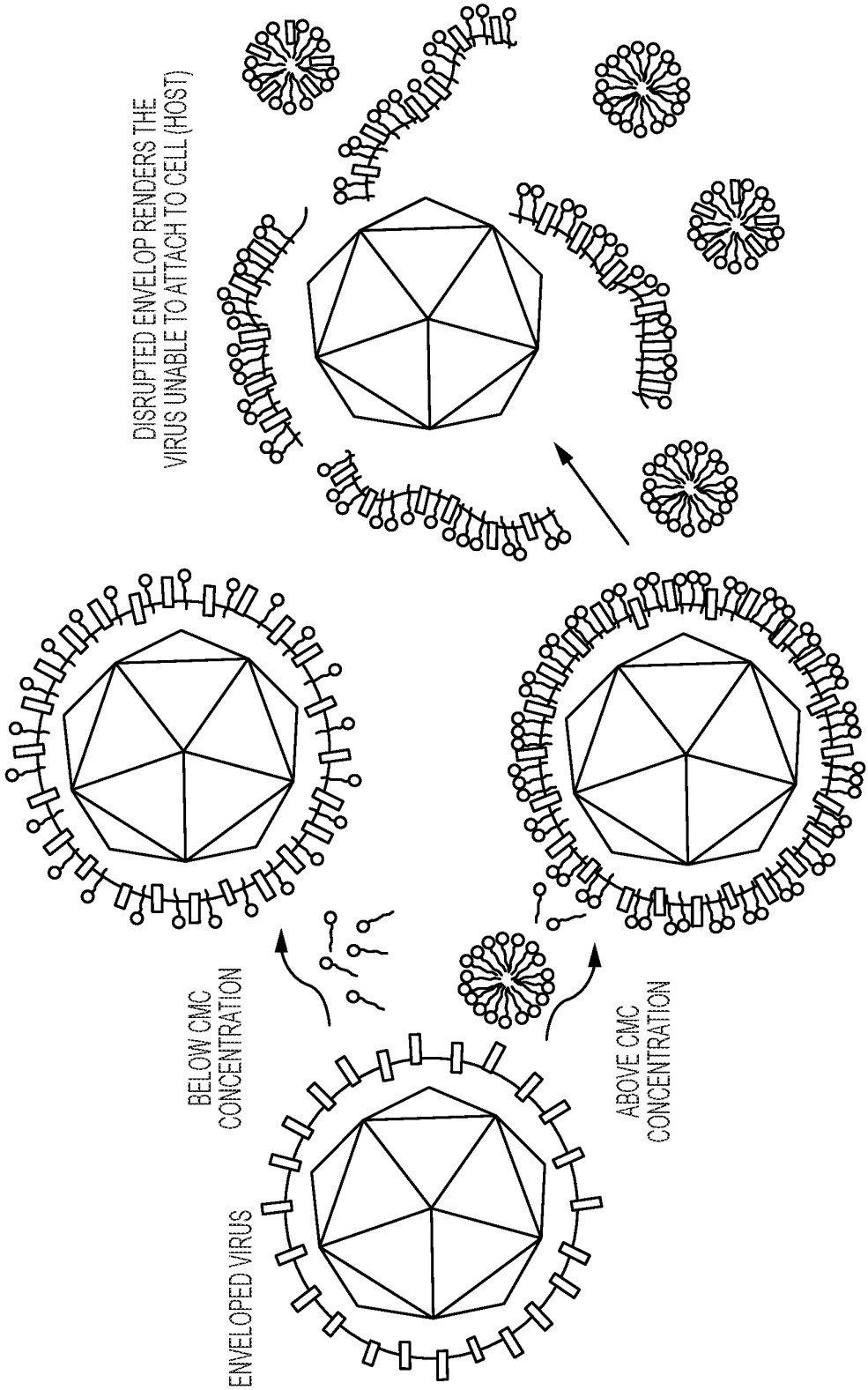

DISRUPTED ENVELOP RENDERS THE VIRUS UNABLE TO ATTACH TO CELL (HOST)
BELOW CMC CONCENTRATION
ABOVE CMC CONCENTRATION
ENVELOPED VIRUS

FIG. 1

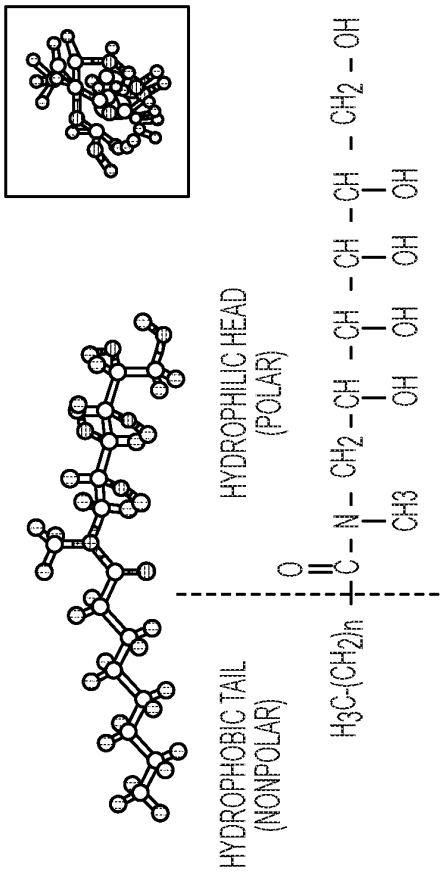

HYDROPHILIC HEAD
(POLAR)
HYDROPHOBIC TAIL
(NONPOLAR)
H3C-(CH2)n
O
C
N
CH3
CH2
CH
OH
CH2
OH

FIG. 2

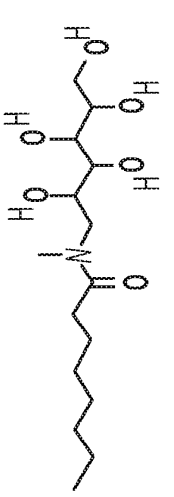
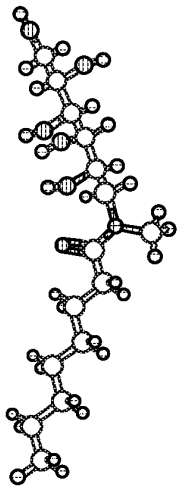
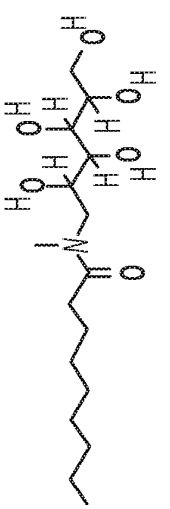
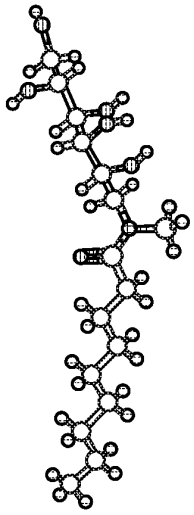
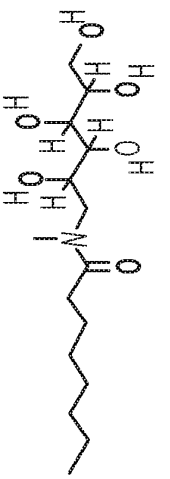
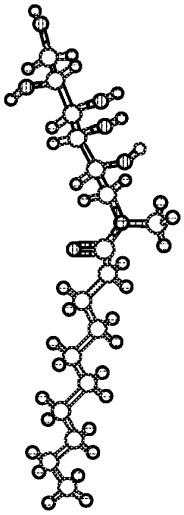
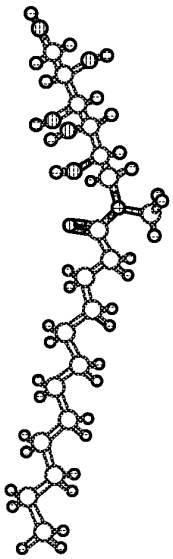
	2D STRUCTURE	3D STRUCTURE
MEGA 8		
MEGA 9		
MEGA 10		
MEGA 12		

FIG. 3

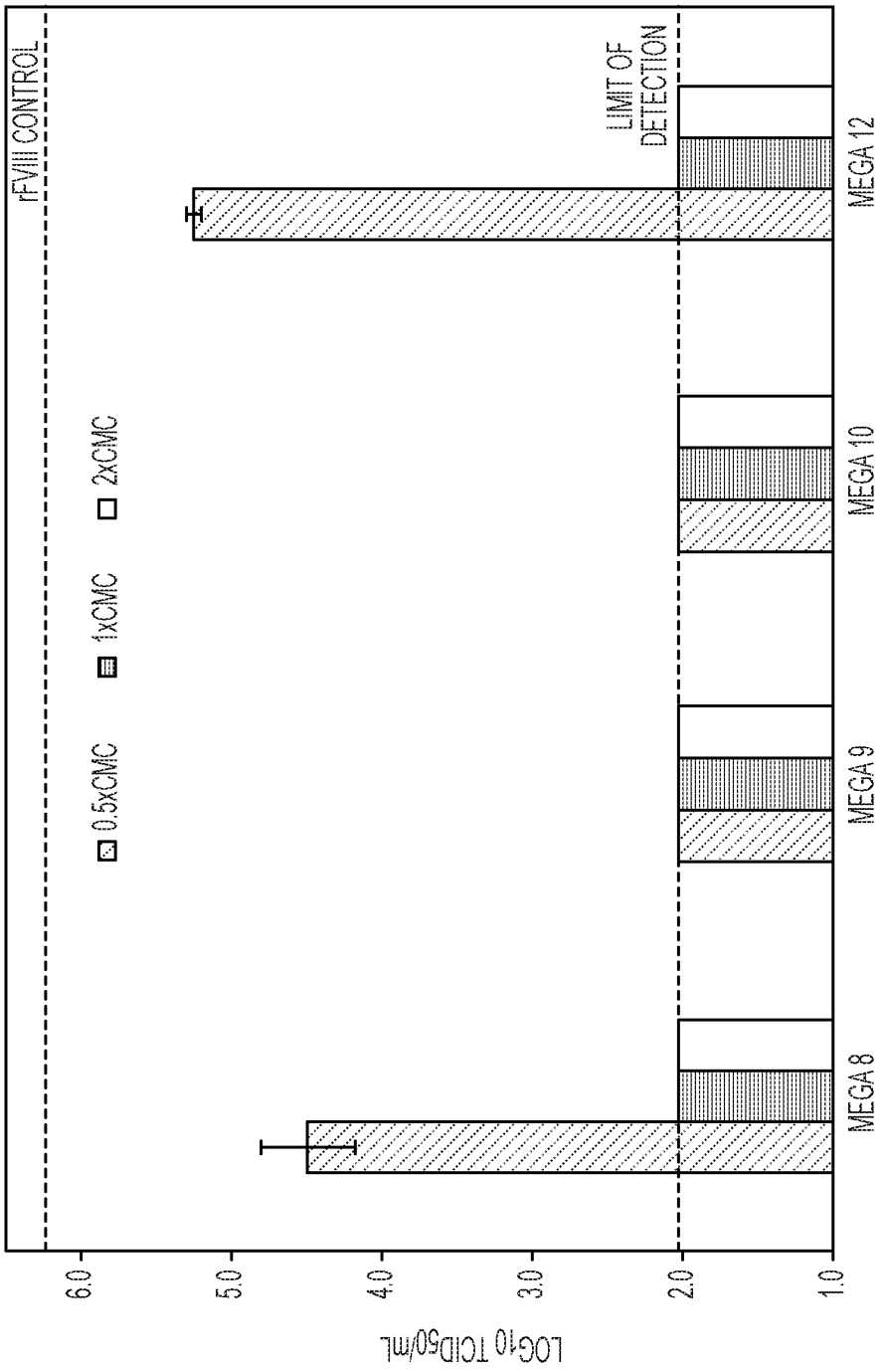

rFVIII CONTROL
LIMIT OF DETECTION
0.5xCMC
1xCMC
2xCMC
MEGA 8
MEGA 9
MEGA 10
MEGA 12
6.0
5.0
4.0
3.0
2.0
1.0
LOG10 TCID50/mL
DETERGENT INACTIVATION IN rFVIII AT RT

FIG. 4

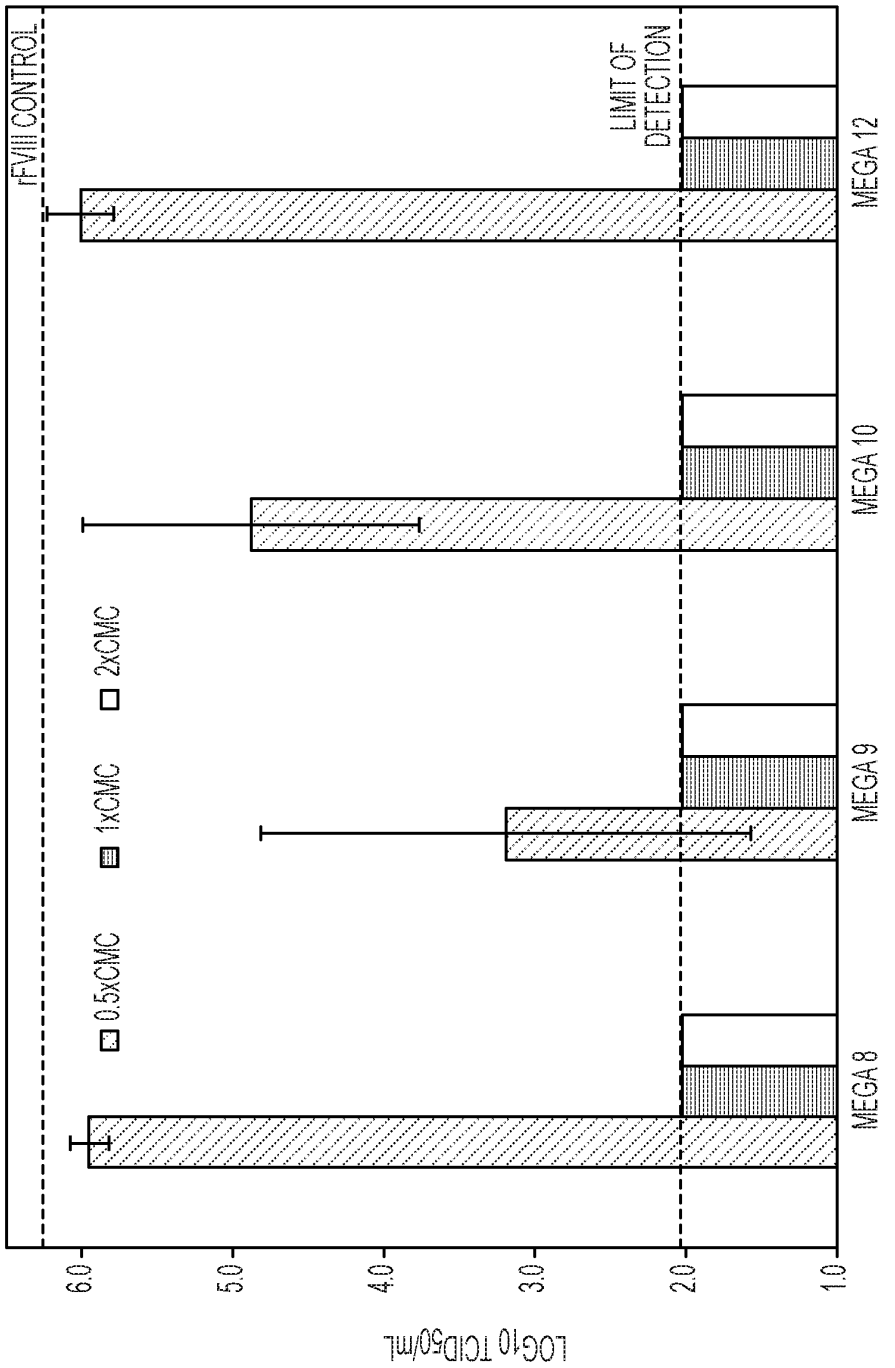

rFVIII CONTROL
LIMIT OF DETECTION
0.5xCMC
1xCMC
2xCMC
MEGA 8
MEGA 9
MEGA 10
MEGA 12
6.0
5.0
4.0
3.0
2.0
1.0
LOG10 TCID50/mL
DETERGENT INACTIVATION IN rFVIII AT 2 °C

FIG. 5

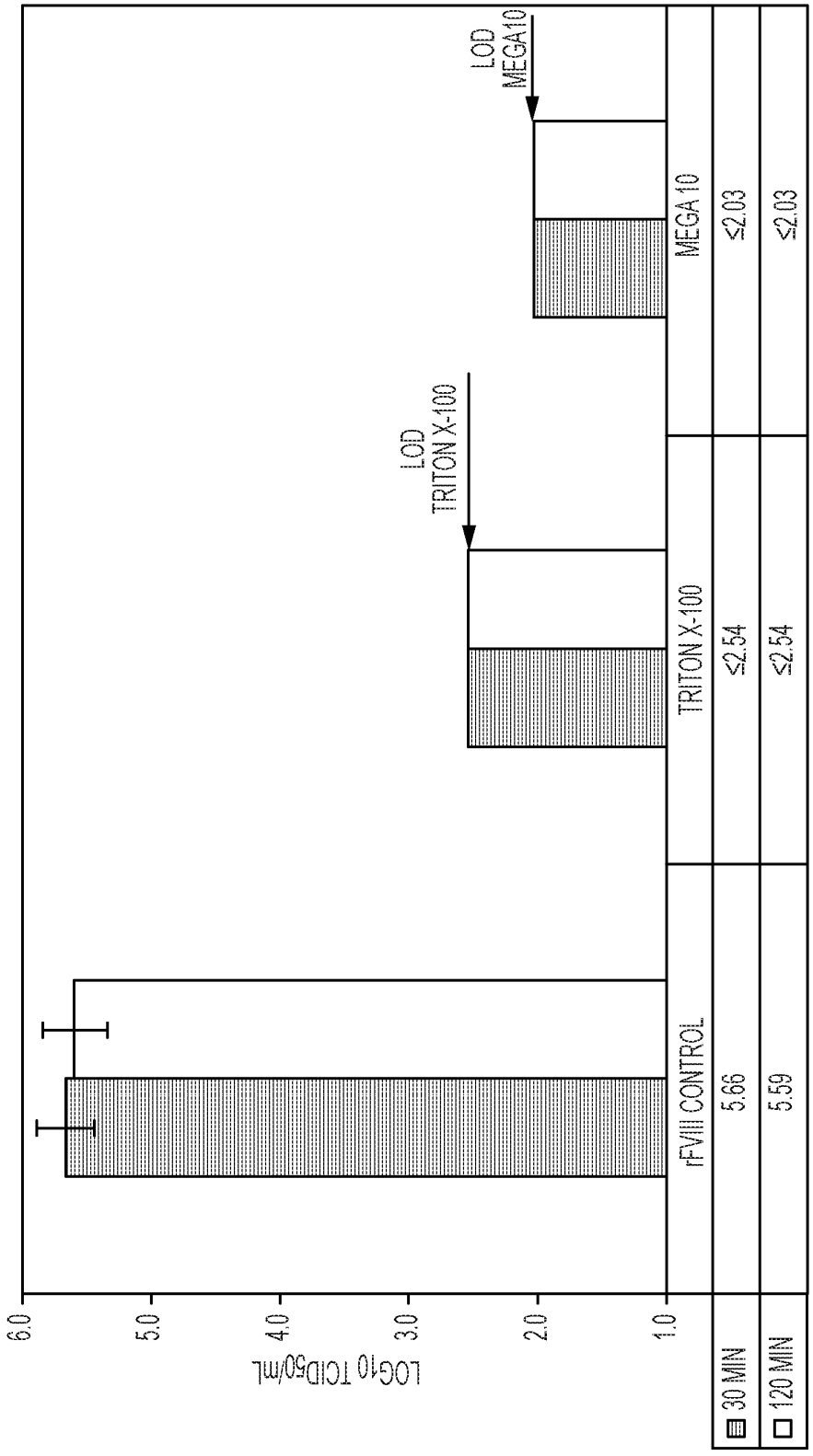

LOD
MEGA10
LOD
TRITON X-100
6.0
5.0
4.0
3.0
2.0
1.0
LOG10 TCID50/mL
rFVIII CONTROL
TRITON X-100
MEGA10
30 MIN
120 MIN
5.66
5.59
≤2.54
≤2.54
≤2.03
≤2.03

FIG. 6

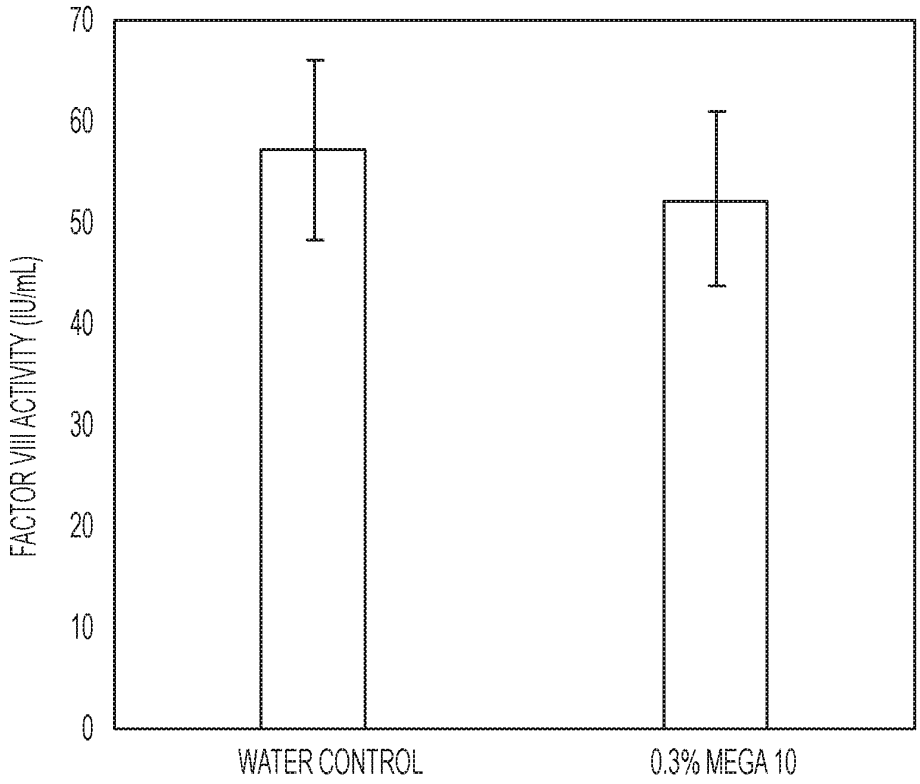

70
60
50
40
30
20
10
0
FACTOR VIII ACTIVITY (IU/mL)
WATER CONTROL
0.3% MEGA 10

FIG. 7

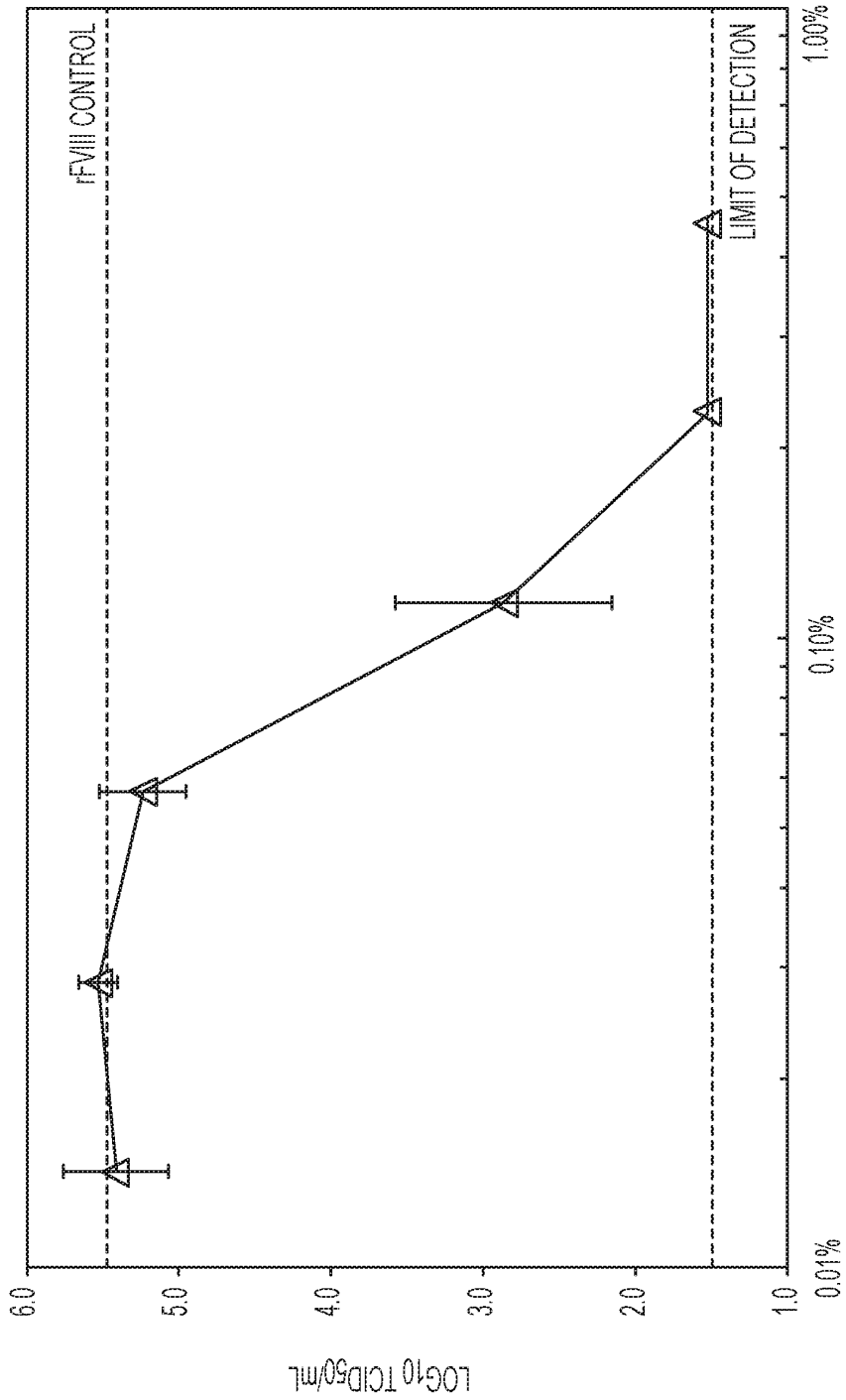

rFVIII CONTROL
LIMIT OF DETECTION
6.0
5.0
4.0
3.0
2.0
1.0
0.01%
0.10%
1.00%
MEGA 10 CONCENTRATION (PERCENT)
LOG10 TCID50/mL

FIG. 8

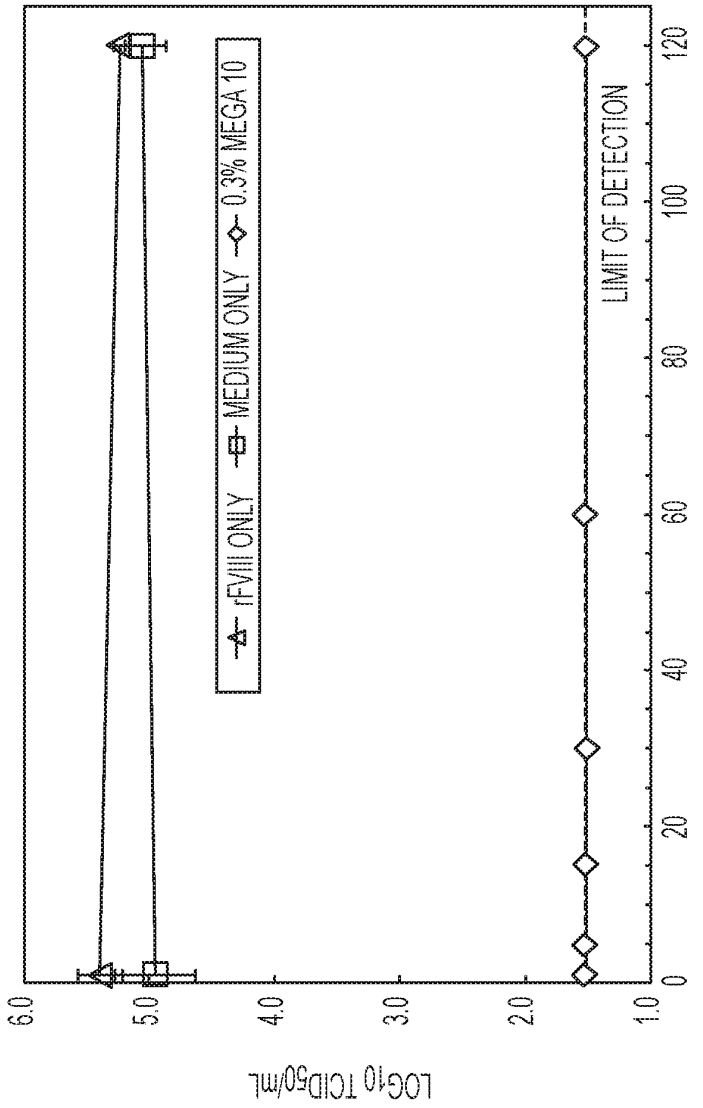

rFVIII ONLY
MEDIUM ONLY
0.3% MEGA 10
LIMIT OF DETECTION
TIME (MINUTES)
LOG10 TCID50/mL
6.0
5.0
4.0
3.0
2.0
1.0
0
20
40
60
80
100
120

FIG. 9

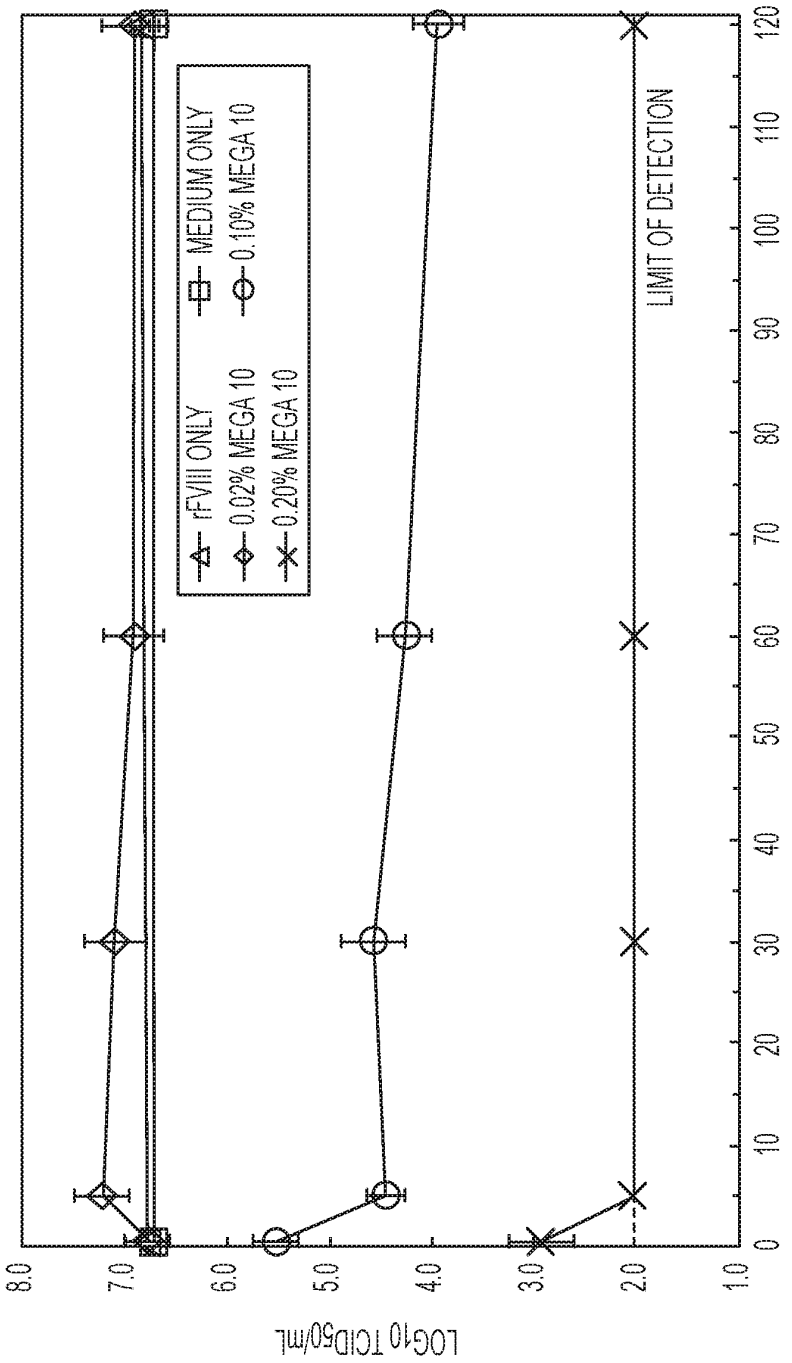

rFVIII ONLY
MEDIUM ONLY
0.02% MEGA10
0.10% MEGA10
0.20% MEGA10
LIMIT OF DETECTION
LOG10 TCID50/mL
TIME (MINUTES)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0
10
20
30
40
50
60
70
80
90
100
110
120

FIG. 10

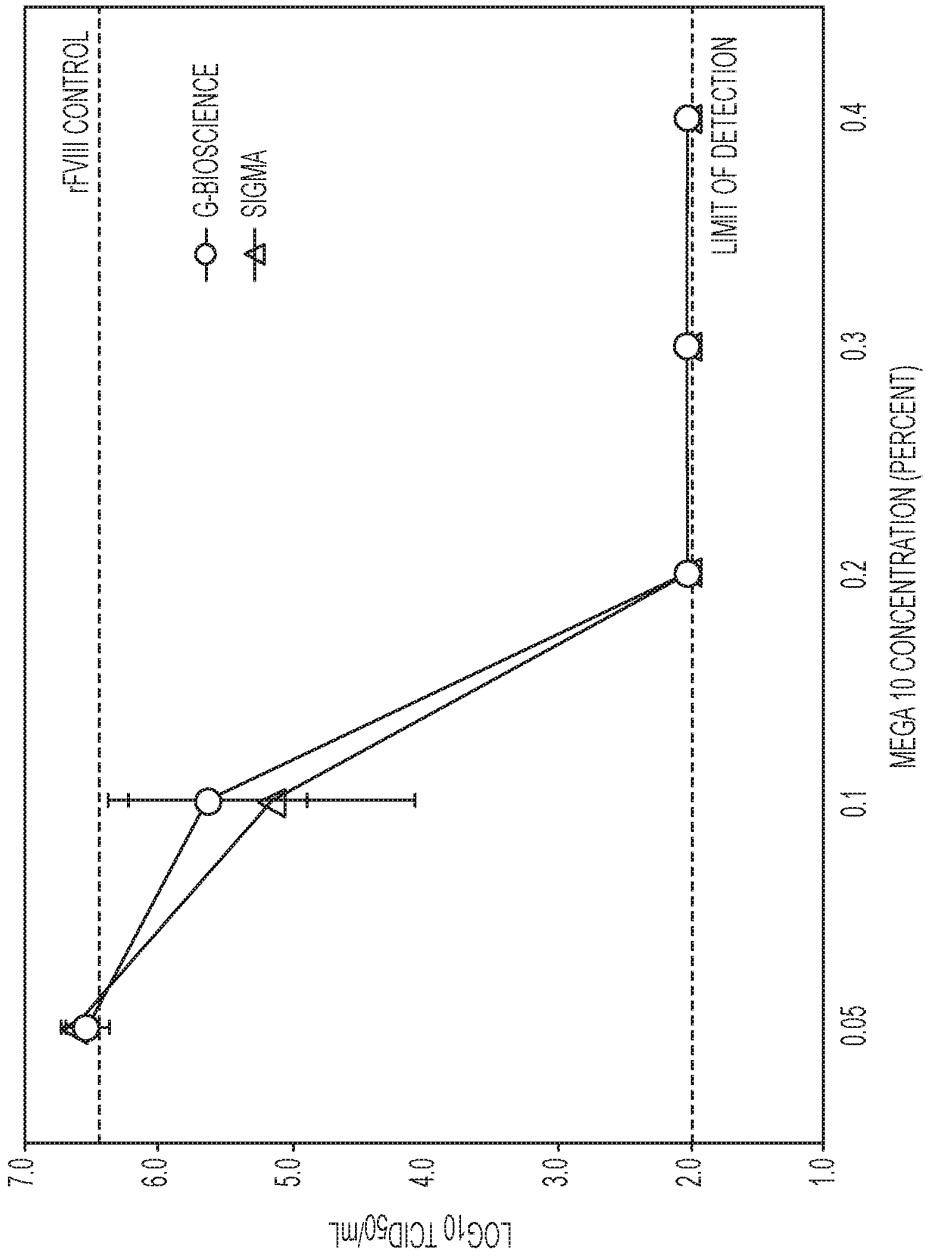

rFVIII CONTROL
G-BIOSCIENCE
SIGMA
LIMIT OF DETECTION
7.0
6.0
5.0
4.0
3.0
2.0
1.0
LOG10 TCID50/mL
0.05
0.1
0.2
0.3
0.4
MEGA 10 CONCENTRATION (PERCENT)

FIG. 11

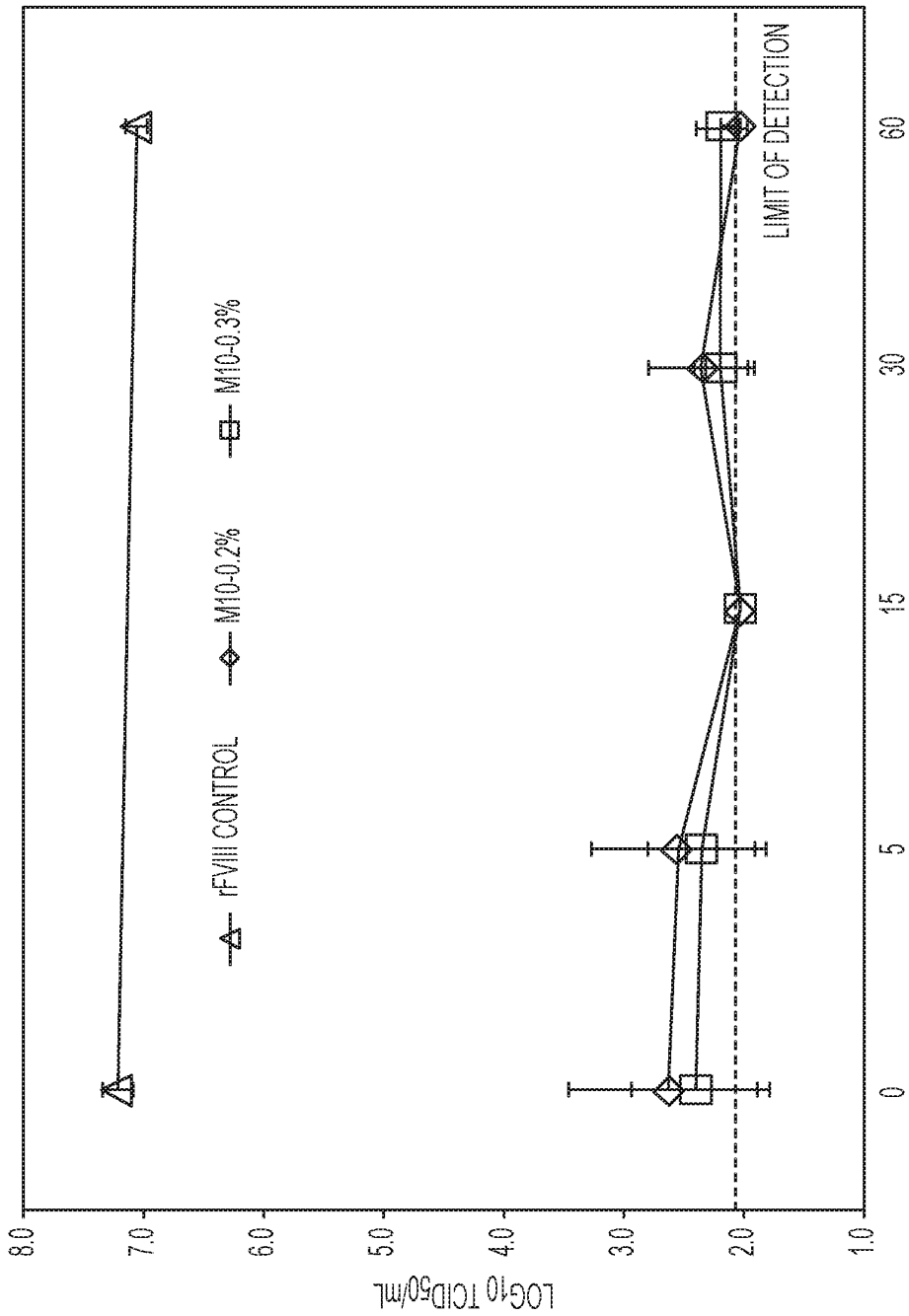

8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
LOG10 TCID50/mL
0
5
15
30
60
TIME (MIN)
LIMIT OF DETECTION
rFVIII CONTROL
M10-0.2%
M10-0.3%

FIG. 12

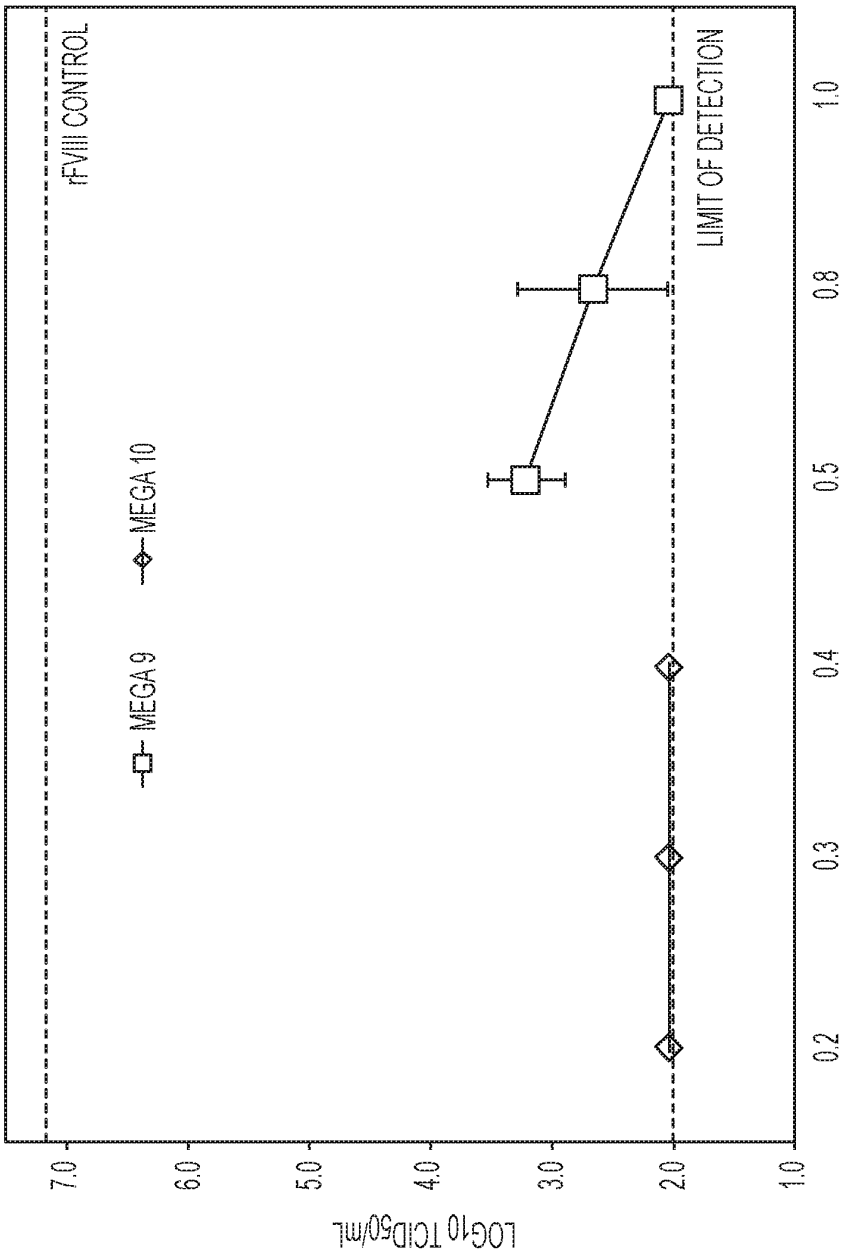

rFVIII CONTROL
MEGA 9
MEGA 10
LIMIT OF DETECTION
LOG10 TCID50/mL
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.2
0.3
0.4
0.5
0.8
1.0
DETERGENT CONCENTRATION (PERCENT)

FIG. 13

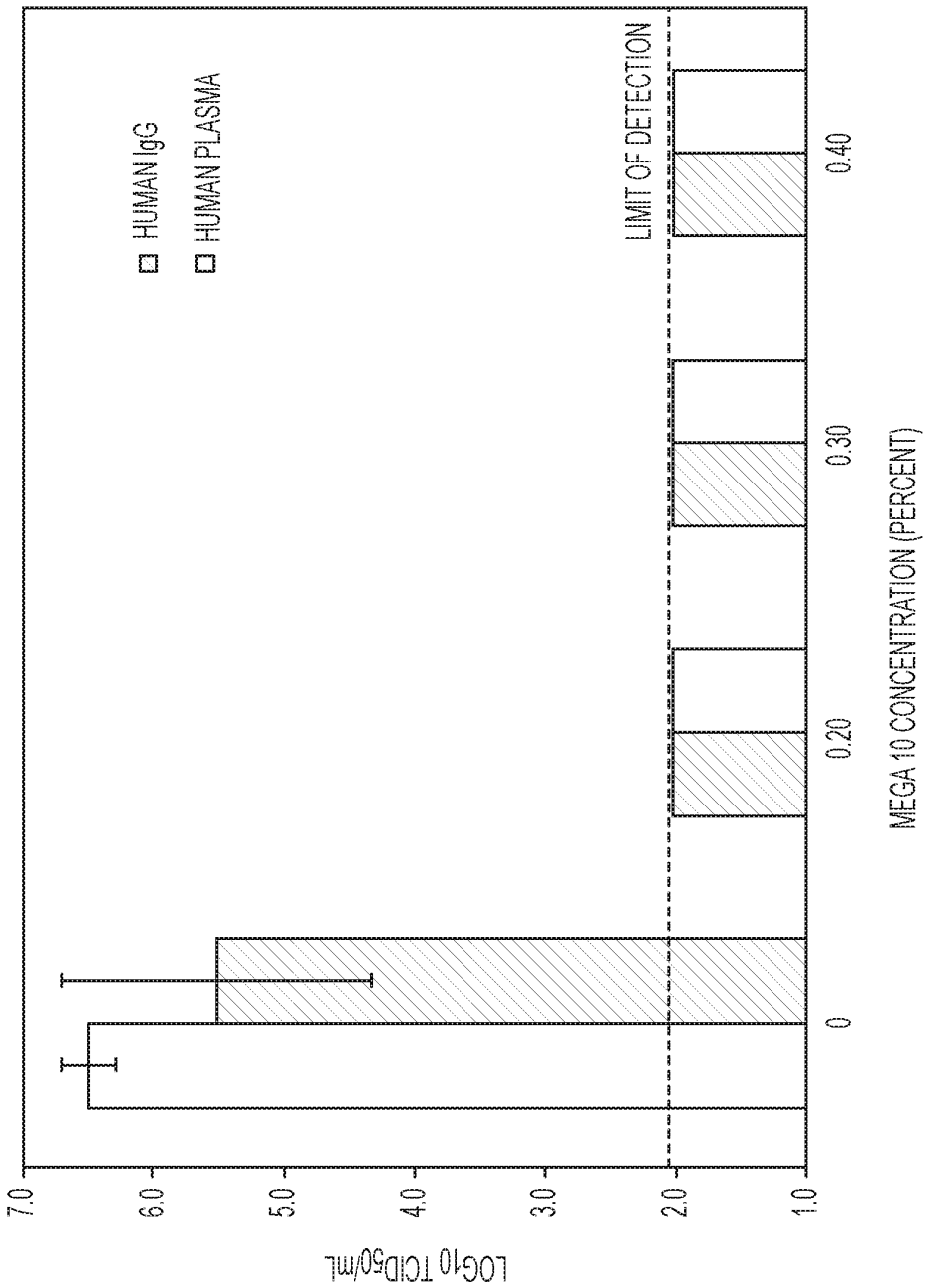

HUMAN IgG
HUMAN PLASMA
LIMIT OF DETECTION
7.0
6.0
5.0
4.0
3.0
2.0
1.0
LOG10 TCID50/mL
0
0.20
0.30
0.40
MEGA 10 CONCENTRATION (PERCENT)

FIG. 14

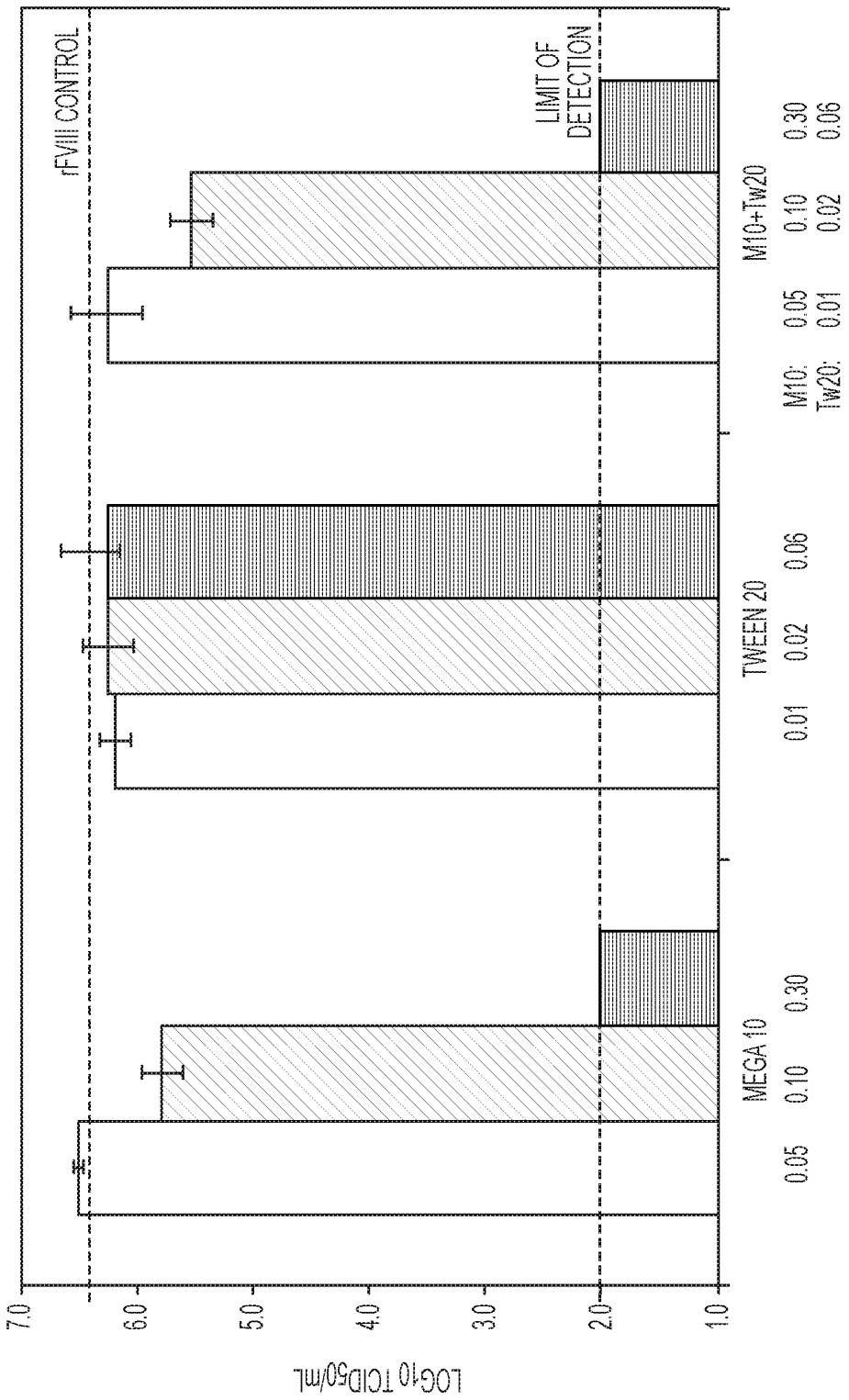

rFVIII CONTROL
LIMIT OF DETECTION
7.0
6.0
5.0
4.0
3.0
2.0
1.0
LOG10 TCID50/mL
MEGA 10
0.05 0.10 0.30
TWEEN 20
0.01 0.02 0.06
M10+Tw20
M10: 0.05 0.10 0.30
Tw20: 0.01 0.02 0.06
DETERGENT CONCENTRATION (PERCENT)

FIG. 15

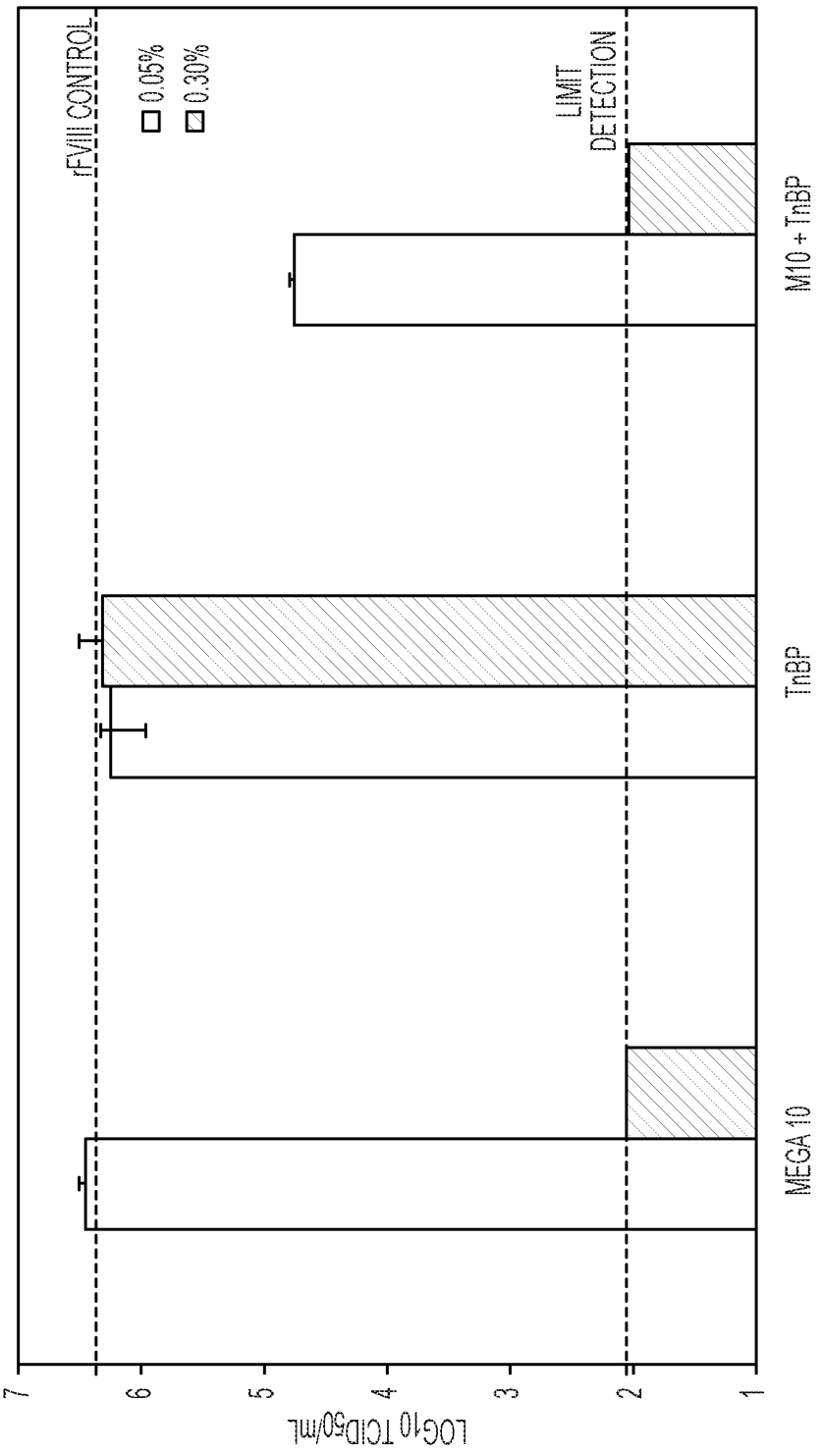

rFVIII CONTROL
0.05%
0.30%
LIMIT DETECTION
M10 + TnBP
TnBP
MEGA 10
LOG10 TCID50/mL
7
6
5
4
3
2
1

FIG. 16

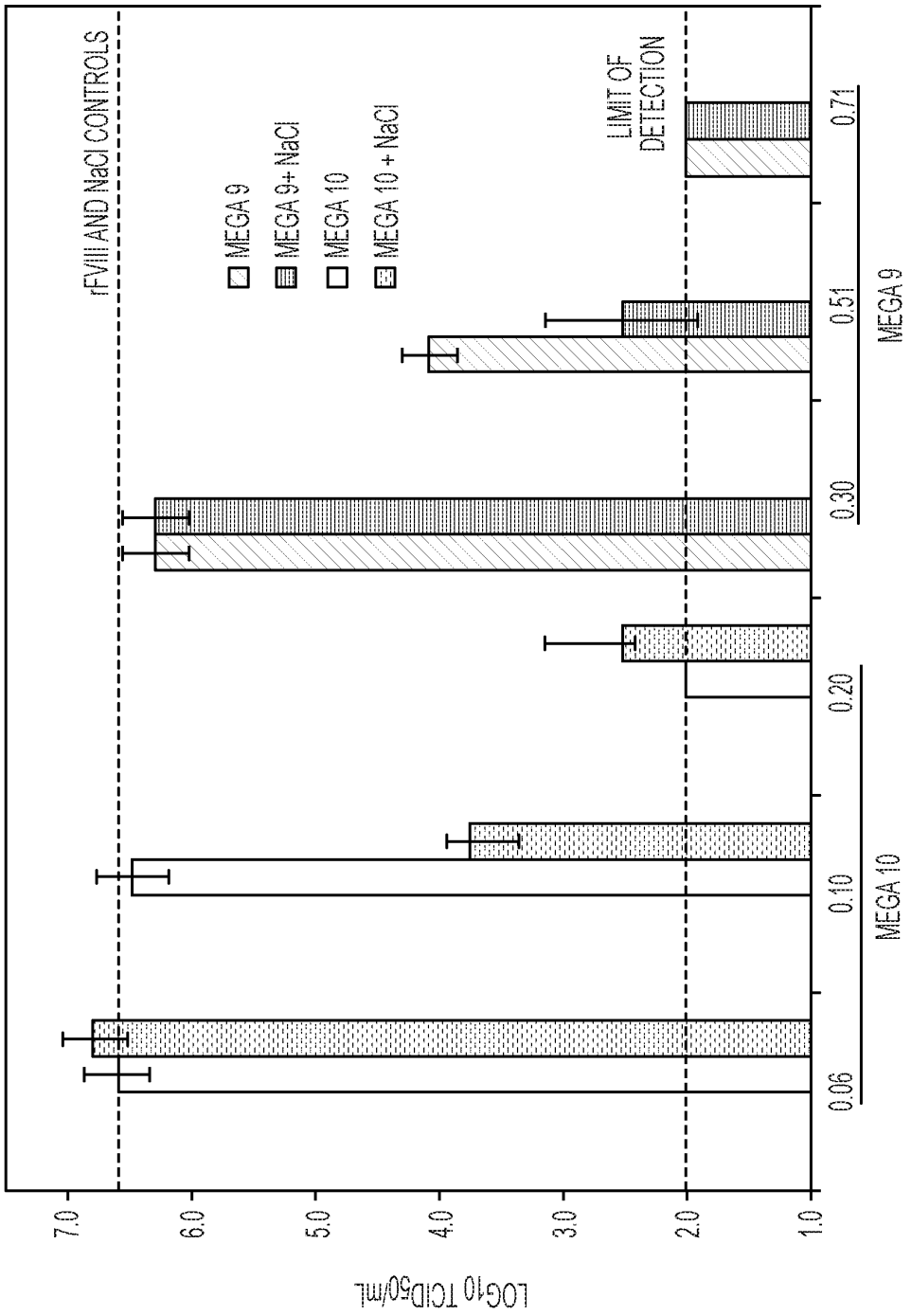

rFVIII AND NaCl CONTROLS
LIMIT OF DETECTION
MEGA 9
MEGA 9+ NaCl
MEGA 10
MEGA 10 + NaCl
LOG10 TCID50/mL
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.06
0.10
0.20
0.30
0.51
0.71
MEGA 10
MEGA 9
DETERGENT CONCENTRATION (PERCENT)

FIG. 17