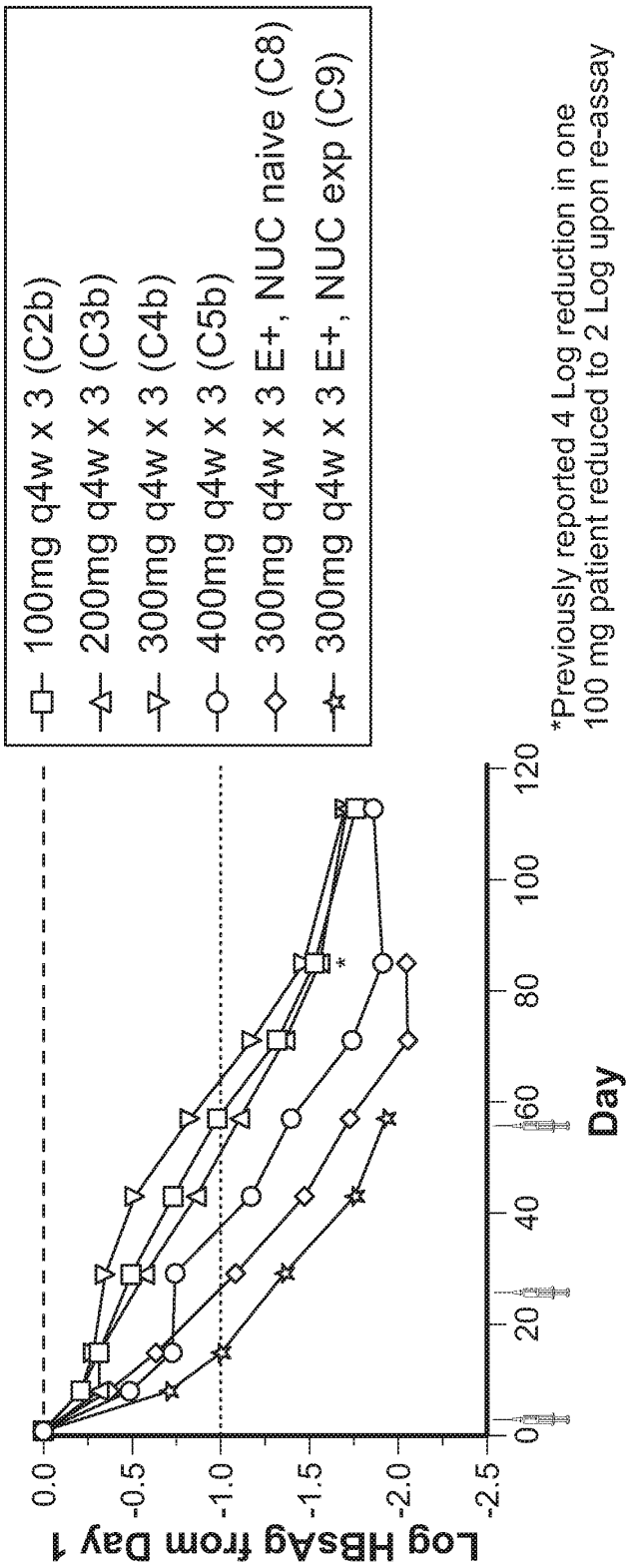

100mg q4w x 3 (C2b)
200mg q4w x 3 (C3b)
300mg q4w x 3 (C4b)
400mg q4w x 3 (C5b)
300mg q4w x 3 E+, NUC naive (C8)
300mg q4w x 3 E+, NUC exp (C9)
*Previously reported 4 Log reduction in one 100 mg patient reduced to 2 Log upon re-assay
Log HBsAg from Day 1
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
0
20
40
60
80
100
120
Day
*

FIG. 1

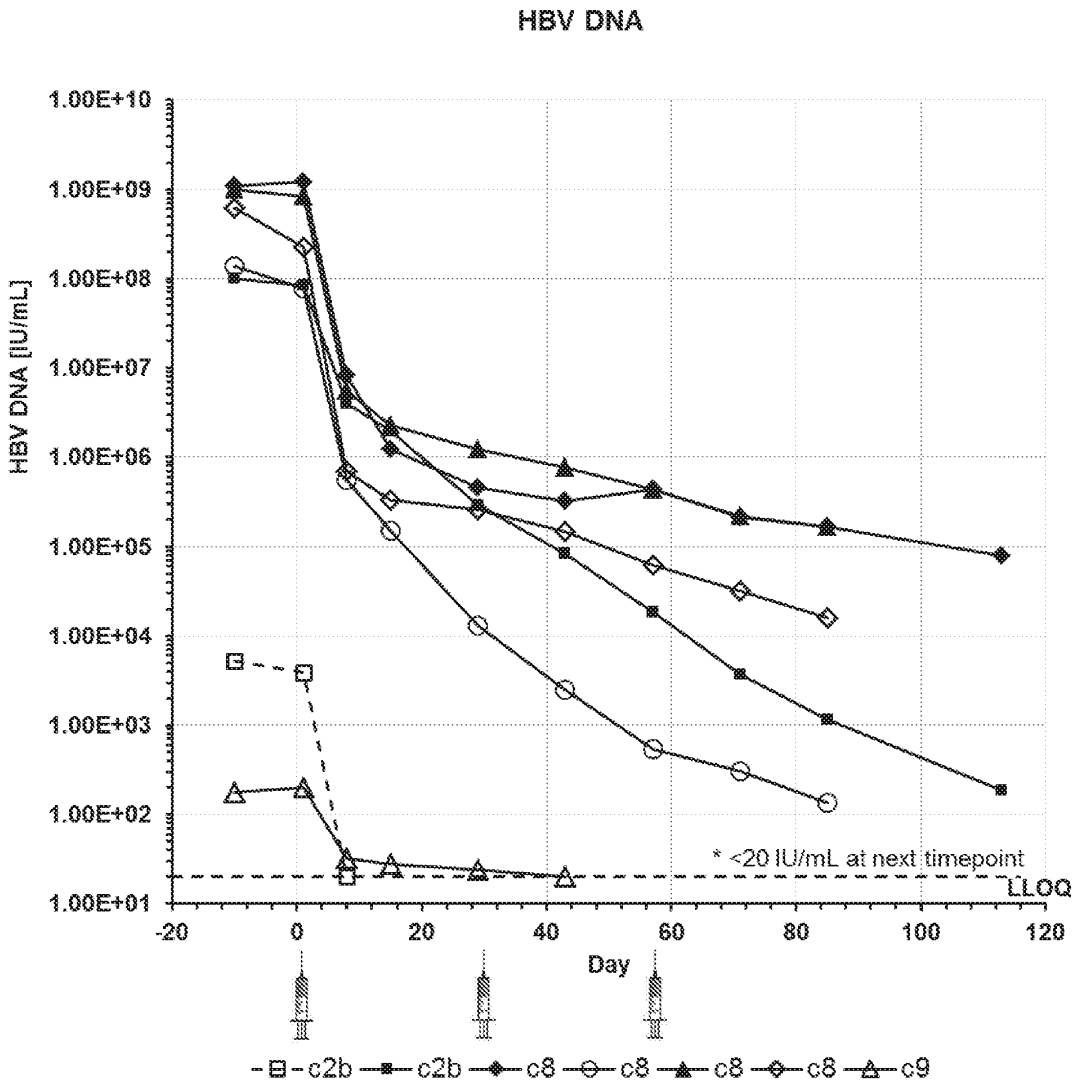

HBV DNA
HBV DNA [IU/mL]
1.00E+10
1.00E+09
1.00E+08
1.00E+07
1.00E+06
1.00E+05
1.00E+04
1.00E+03
1.00E+02
1.00E+01
* <20 IU/mL at next timepoint
LLOQ
-20
0
20
40
60
80
100
120
Day
c2b
c2b
c8
c8
c8
c8
c9

FIG. 2

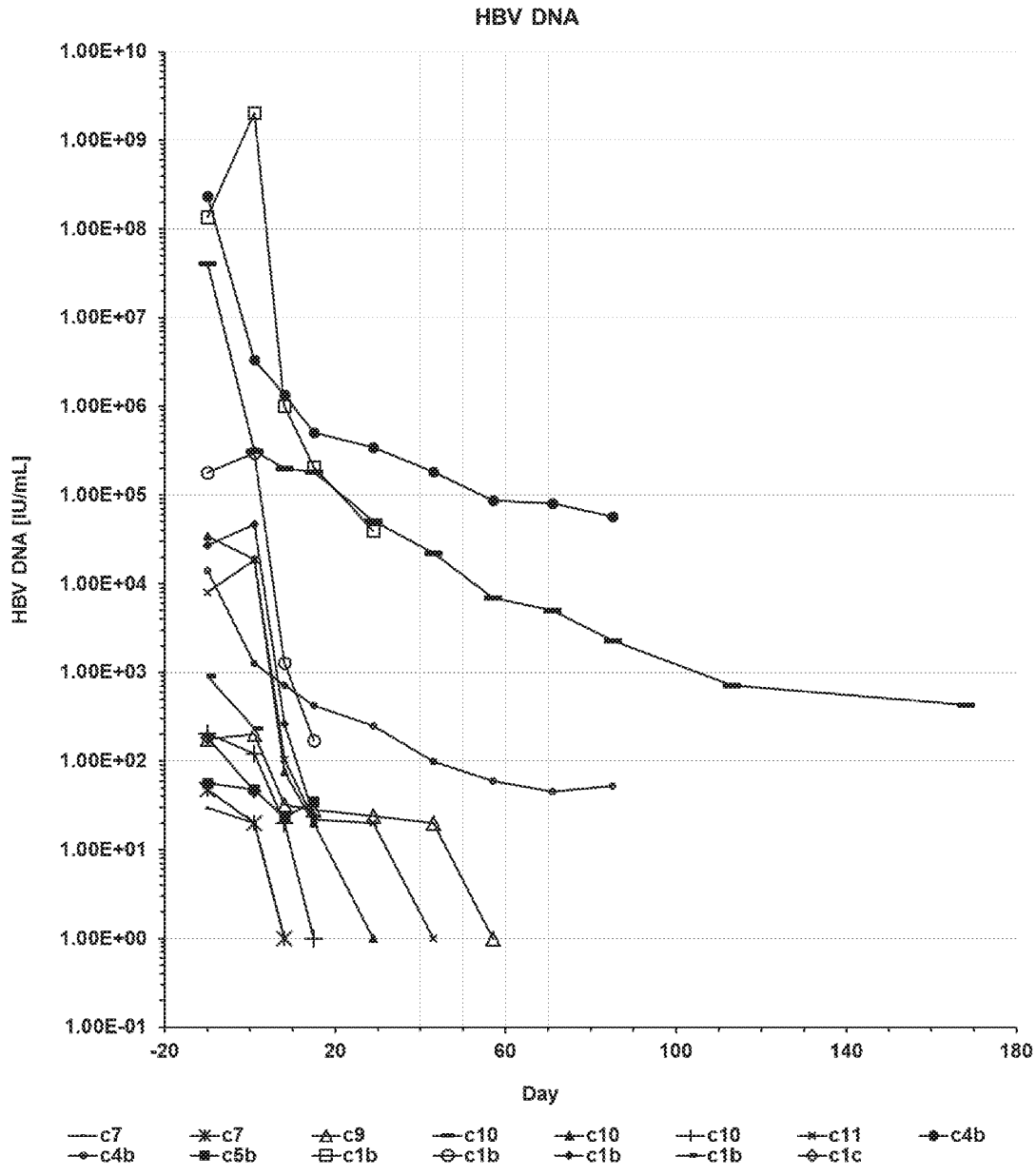

HBV DNA
HBV DNA [IU/mL]
1.00E+10
1.00E+09
1.00E+08
1.00E+07
1.00E+06
1.00E+05
1.00E+04
1.00E+03
1.00E+02
1.00E+01
1.00E+00
1.00E-01
-20
20
60
100
140
180
Day
c7
c7
c9
c10
c10
c10
c11
c4b
c4b
c5b
c1b
c1b
c1b
c1b
c1c

FIG. 3

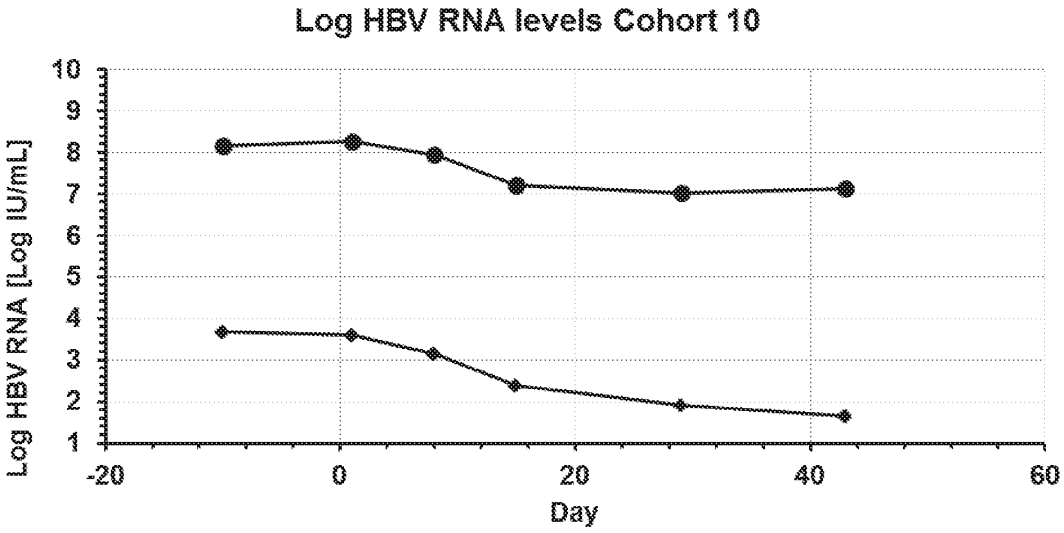

Log HBV RNA levels Cohort 10
Log HBV RNA [Log IU/mL]
10
9
8
7
6
5
4
3
2
1
-20
0
20
40
60
Day

FIG. 4

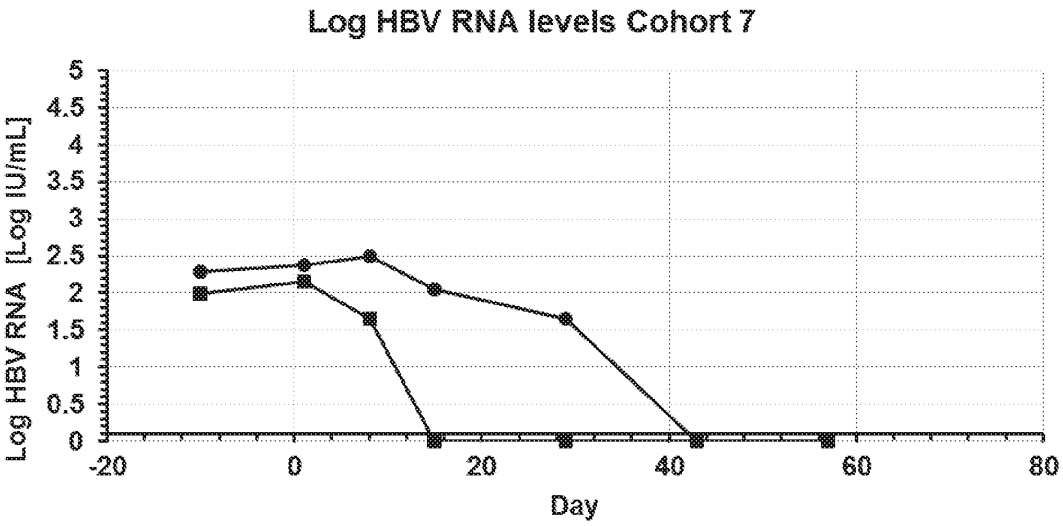

Log HBV RNA levels Cohort 7
Log HBV RNA [Log IU/mL]
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
-20
0
20
40
60
80
Day

FIG. 5

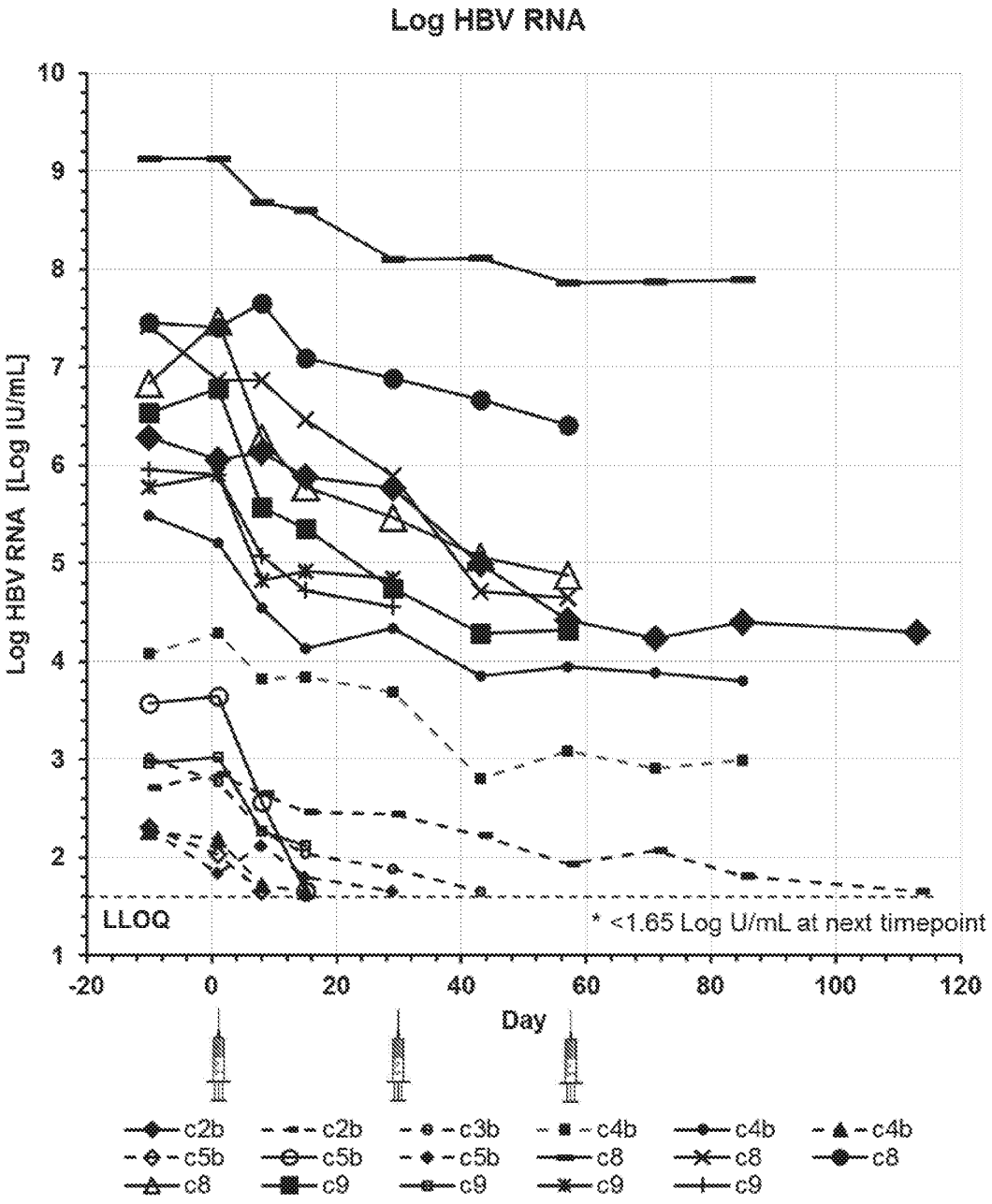

Log HBV RNA
Log HBV RNA [Log IU/mL]
10
9
8
7
6
5
4
3
2
1
LLOQ
* <1.65 Log U/mL at next timepoint
-20
0
20
40
60
80
100
120
Day
c2b
c2b
c3b
c4b
c4b
c4b
c5b
c5b
c5b
c8
c8
c8
c8
c9
c9
c9
c9

FIG. 6

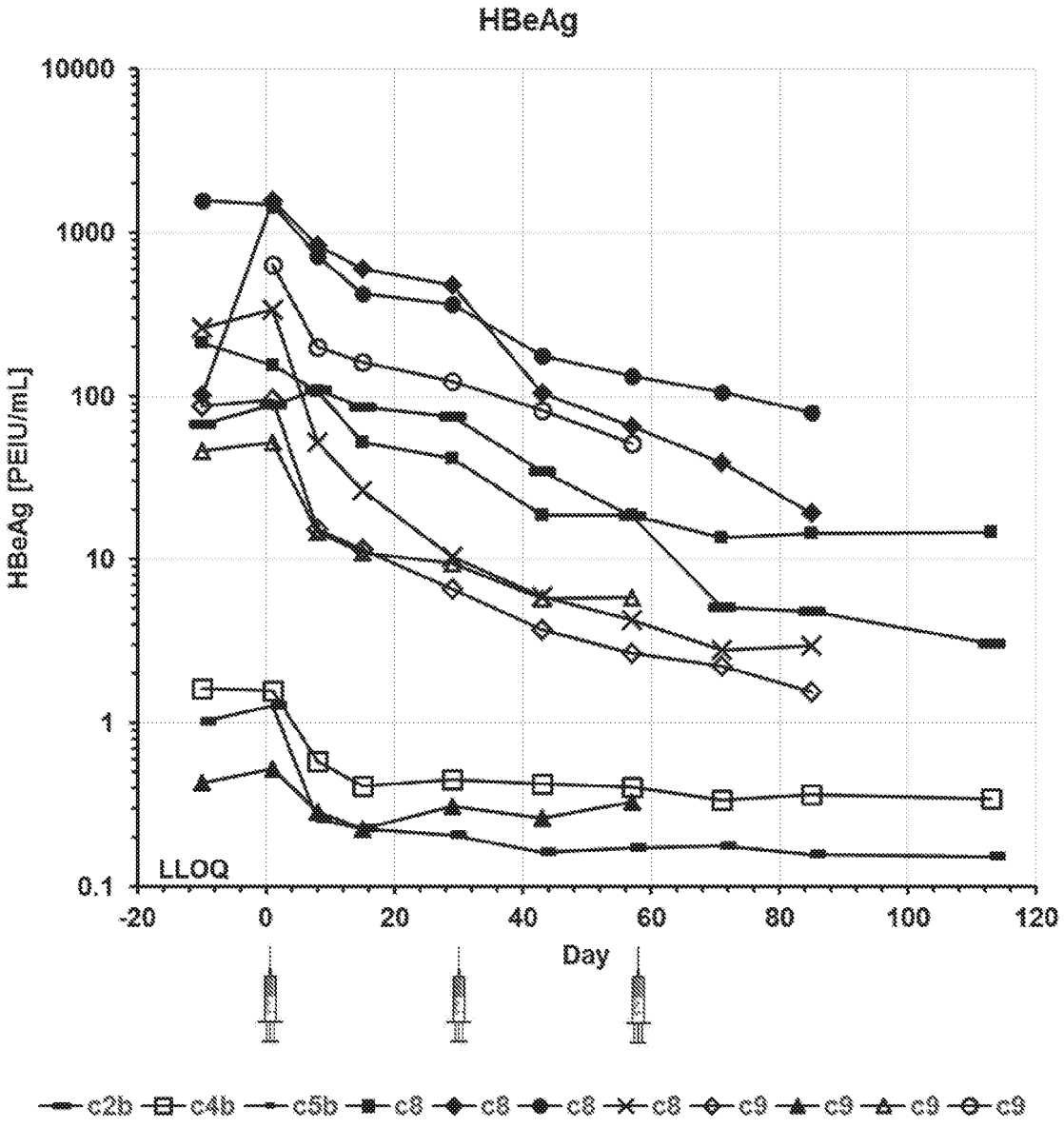

HBeAg
10000
1000
100
10
1
0.1
HBeAg [PEIU/mL]
LLOQ
-20
0
20
40
60
80
100
120
Day
c2b
c4b
c5b
c8
c8
c8
c8
c9
c9
c9
c9

FIG. 7

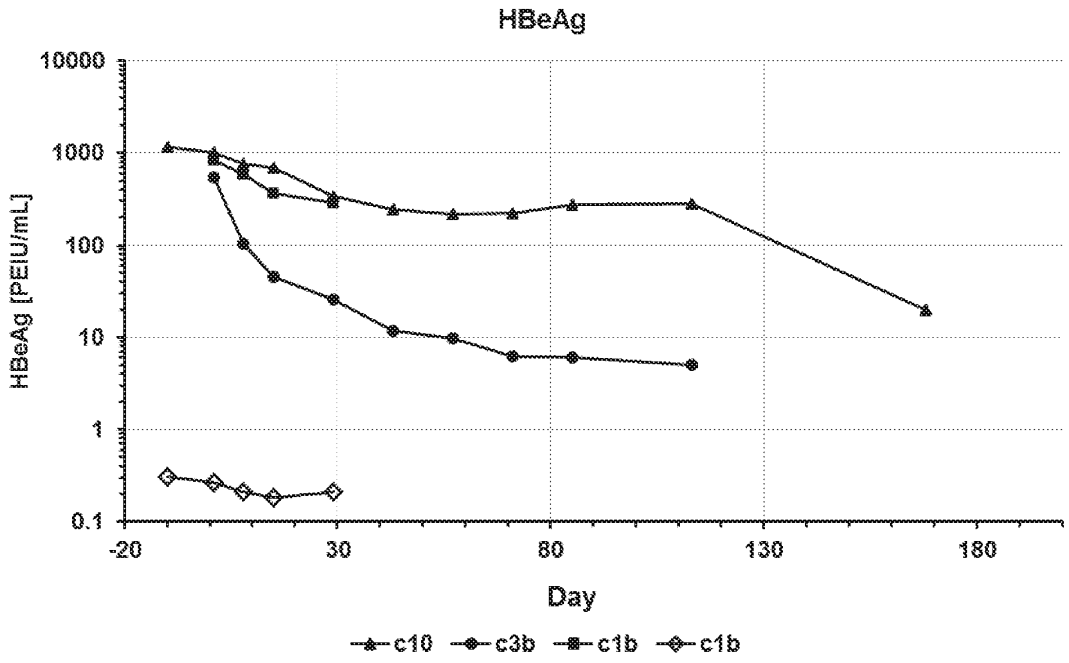

HBeAg
10000
1000
100
10
1
0.1
HBeAg [PEIU/mL]
-20
30
80
130
180
Day
c10
c3b
c1b
c1b

FIG. 8

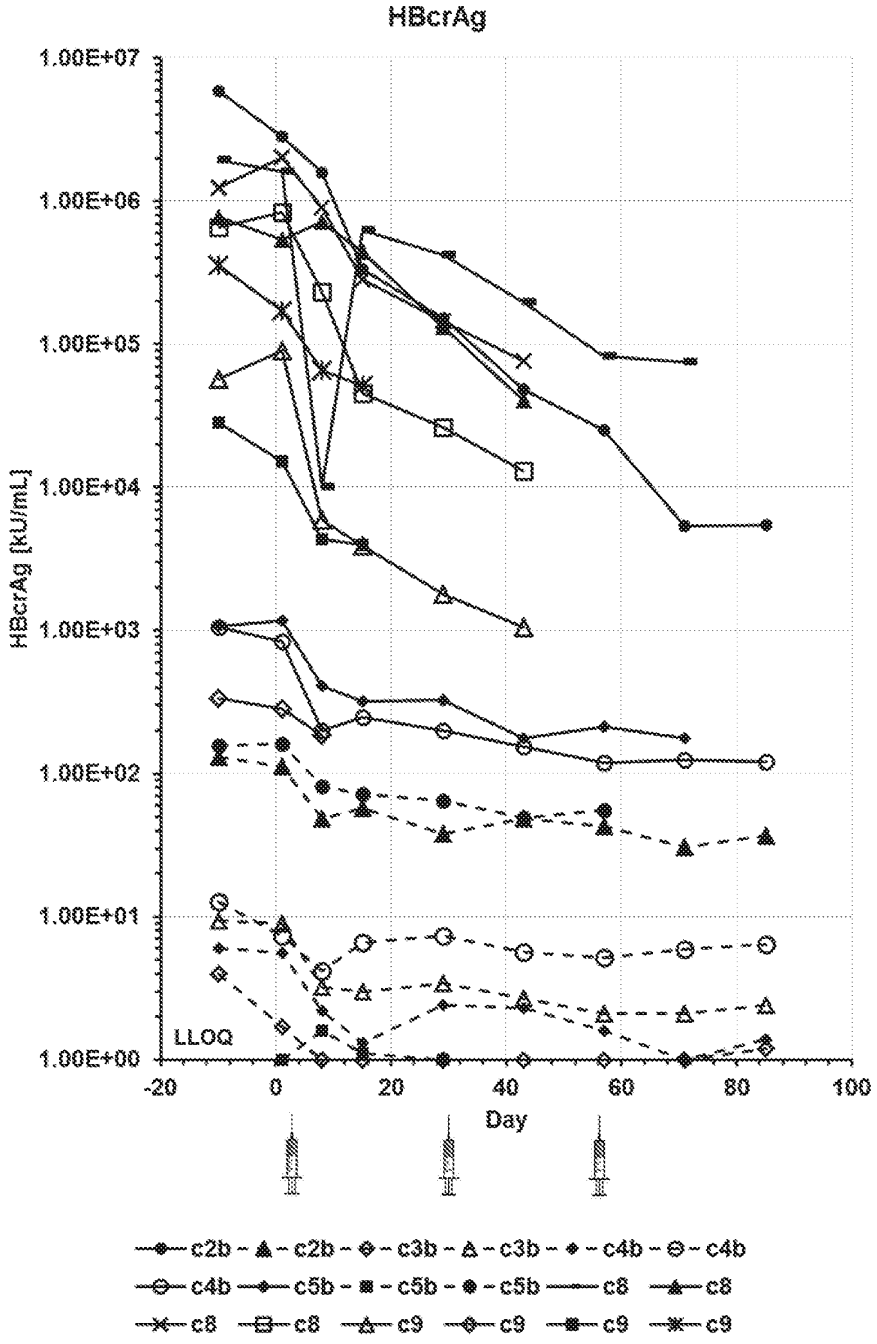

HBcrAg
1.00E+07
1.00E+06
1.00E+05
1.00E+04
1.00E+03
1.00E+02
1.00E+01
1.00E+00
HBcrAg [KU/mL]
LLOQ
-20
0
20
40
60
80
100
Day
c2b
c2b
c3b
c3b
c4b
c4b
c4b
c5b
c5b
c5b
c8
c8
c8
c8
c9
c9
c9
c9

FIG. 9

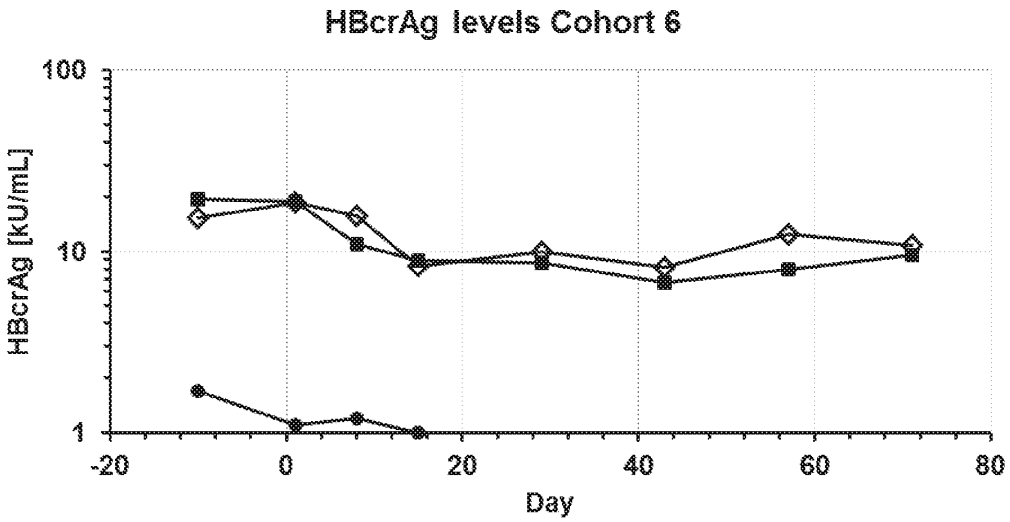


FIG. 10

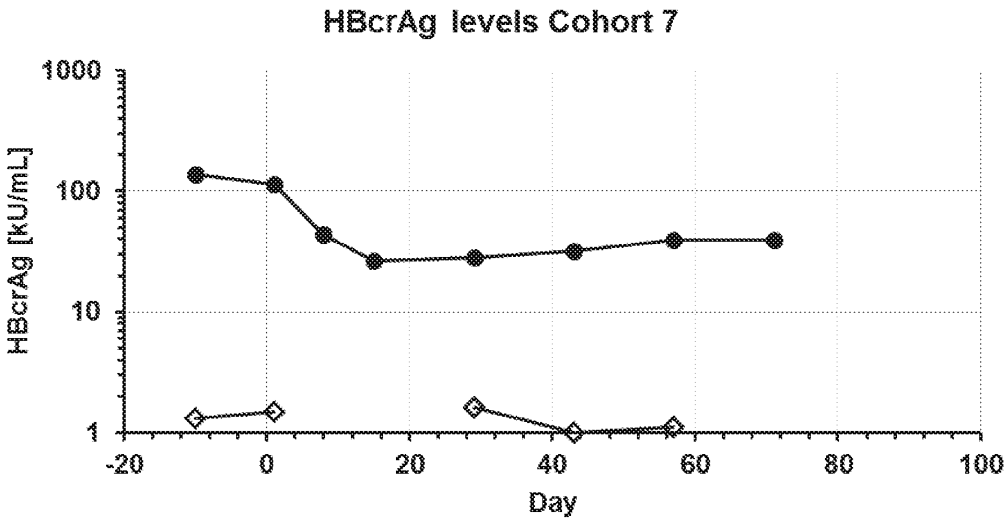

HBcrAg levels Cohort 7
HBcrAg [kU/mL]
1000
100
10
1
-20
0
20
40
60
80
100
Day

FIG. 11

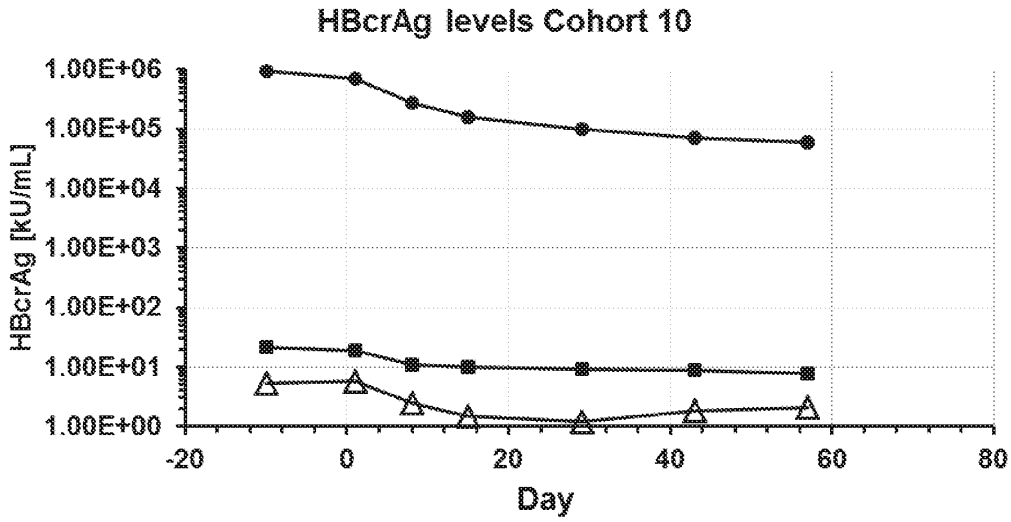

HBcrAg levels Cohort 10
HBcrAg [kU/mL]
1.00E+06
1.00E+05
1.00E+04
1.00E+03
1.00E+02
1.00E+01
1.00E+00
-20
0
20
40
60
80
Day

FIG. 12

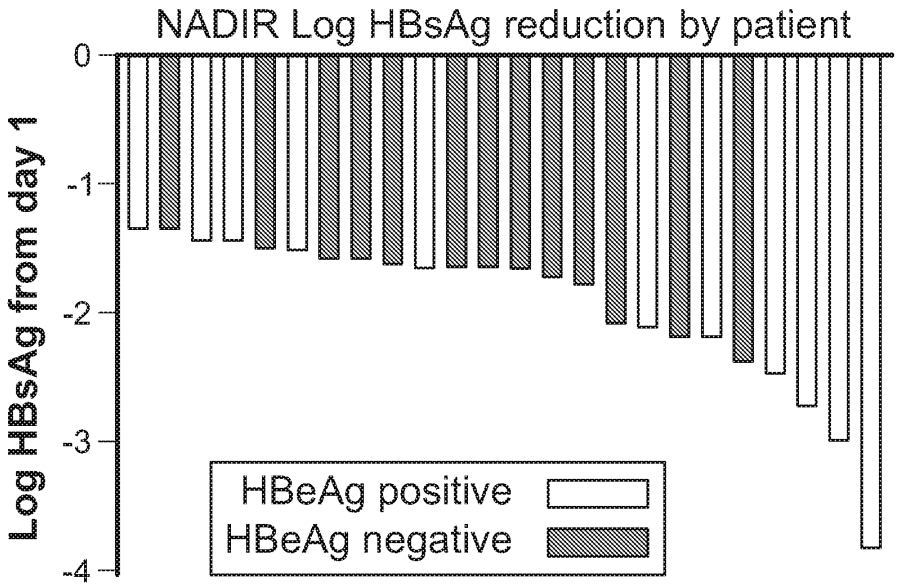

NADIR Log HBsAg reduction by patient
Log HBsAg from day 1
0
-1
-2
-3
-4
HBeAg positive
HBeAg negative

FIG. 13

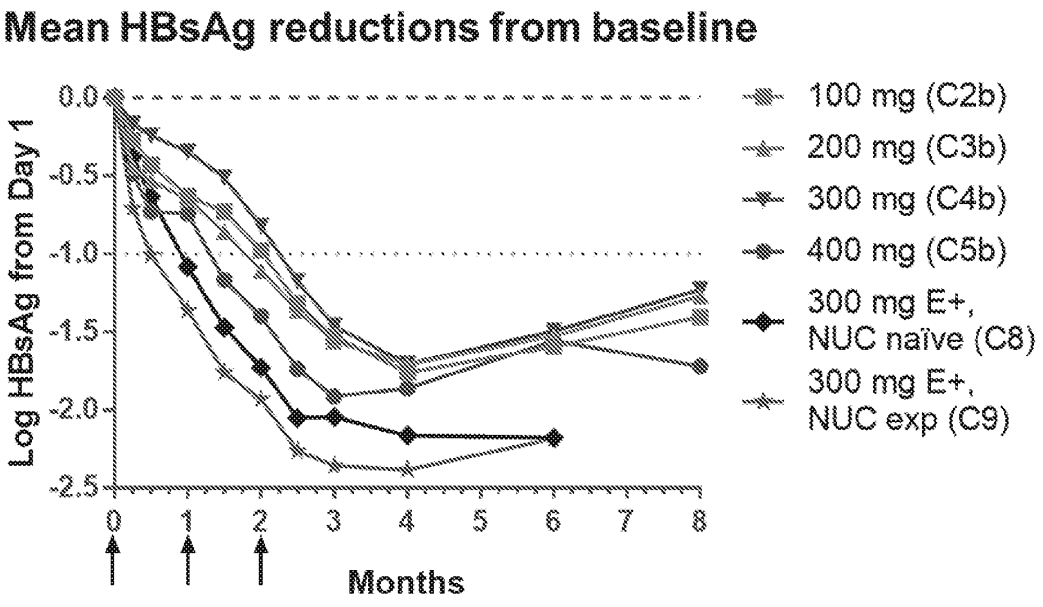

Mean HBsAg reductions from baseline
Log HBsAg from Day 1
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
0
1
2
3
4
5
6
7
8
Months
100 mg (C2b)
200 mg (C3b)
300 mg (C4b)
400 mg (C5b)
300 mg E+, NUC naïve (C8)
300 mg E+, NUC exp (C9)

FIG. 14

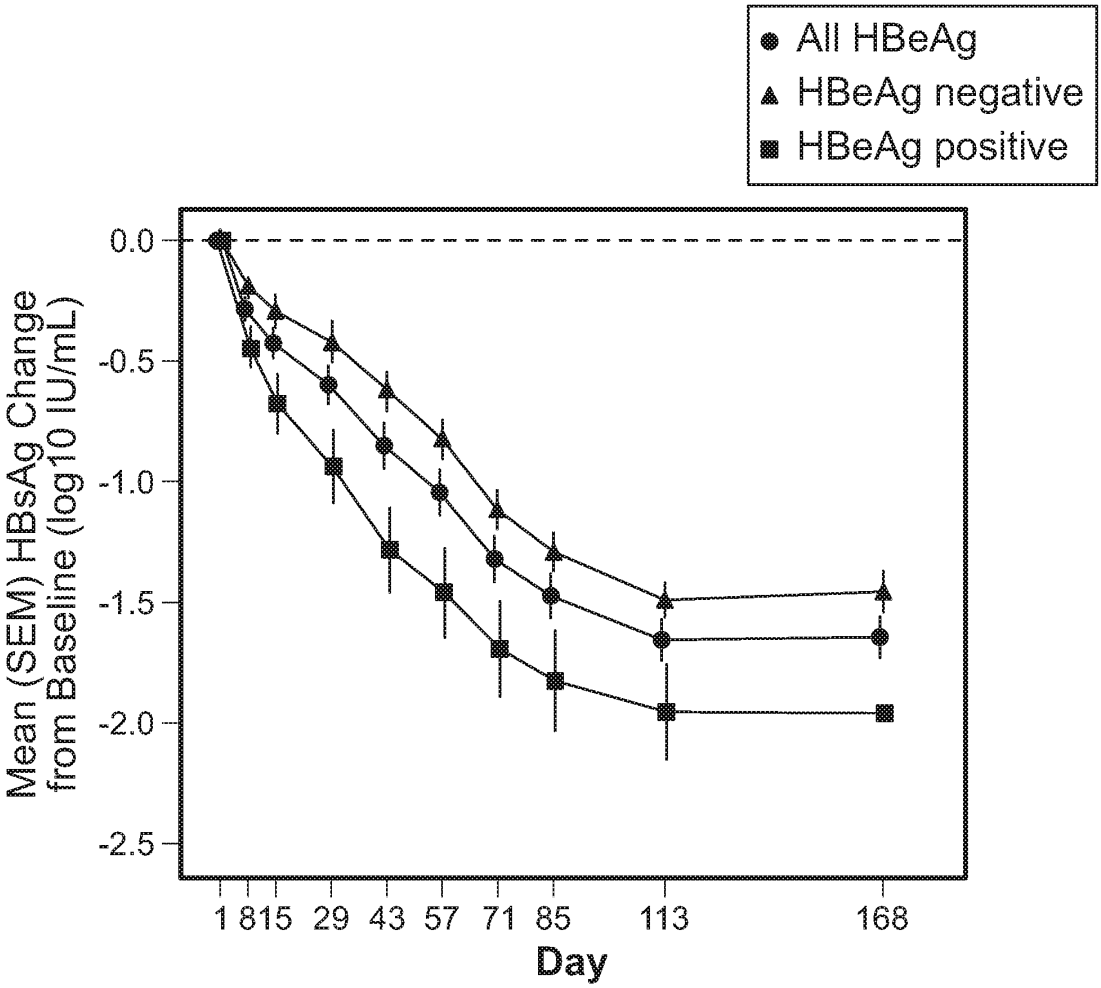

All HBeAg
HBeAg negative
HBeAg positive
Mean (SEM) HBsAg Change from Baseline (log10 IU/mL)
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
1 8 15 29 43 57 71 85 113 168
Day

FIG. 15

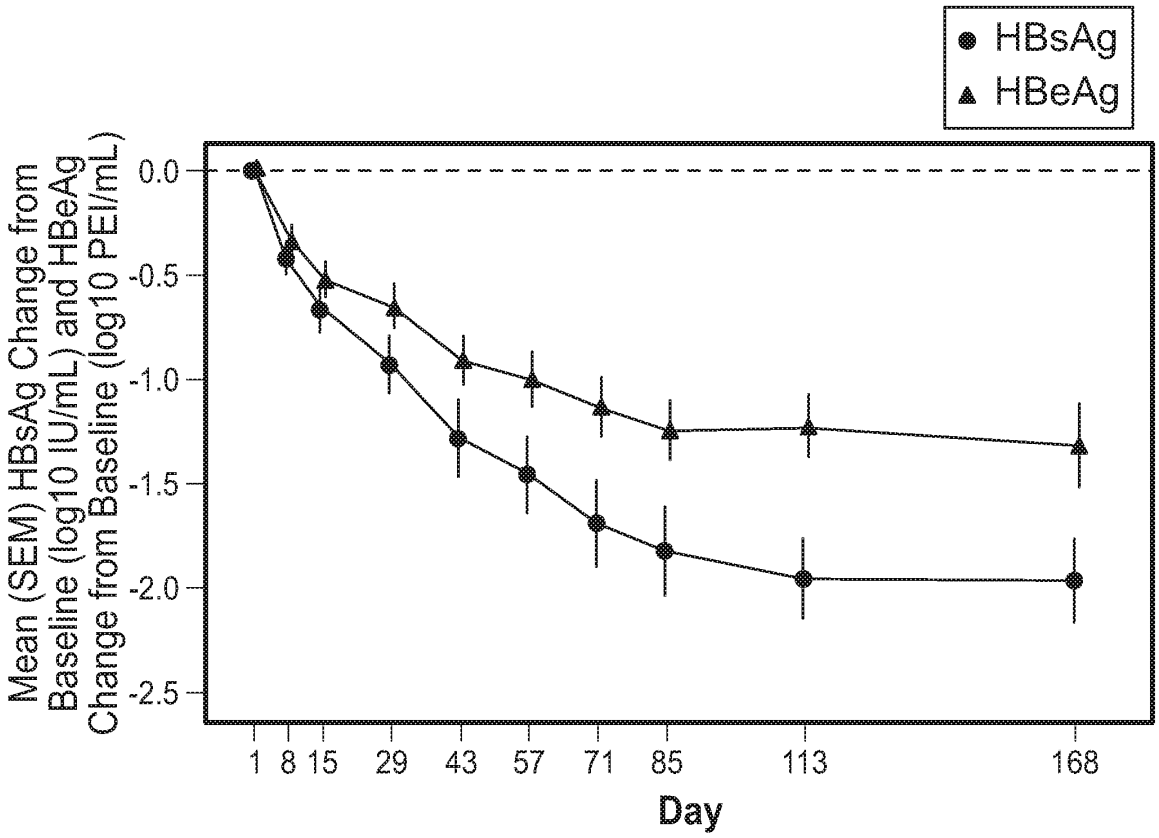

HBsAg
HBeAg
Mean (SEM) HBsAg Change from Baseline (log10 IU/mL) and HBeAg Change from Baseline (log10 PEI/mL)
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
1 8 15 29 43 57 71 85 113 168
Day

FIG. 16

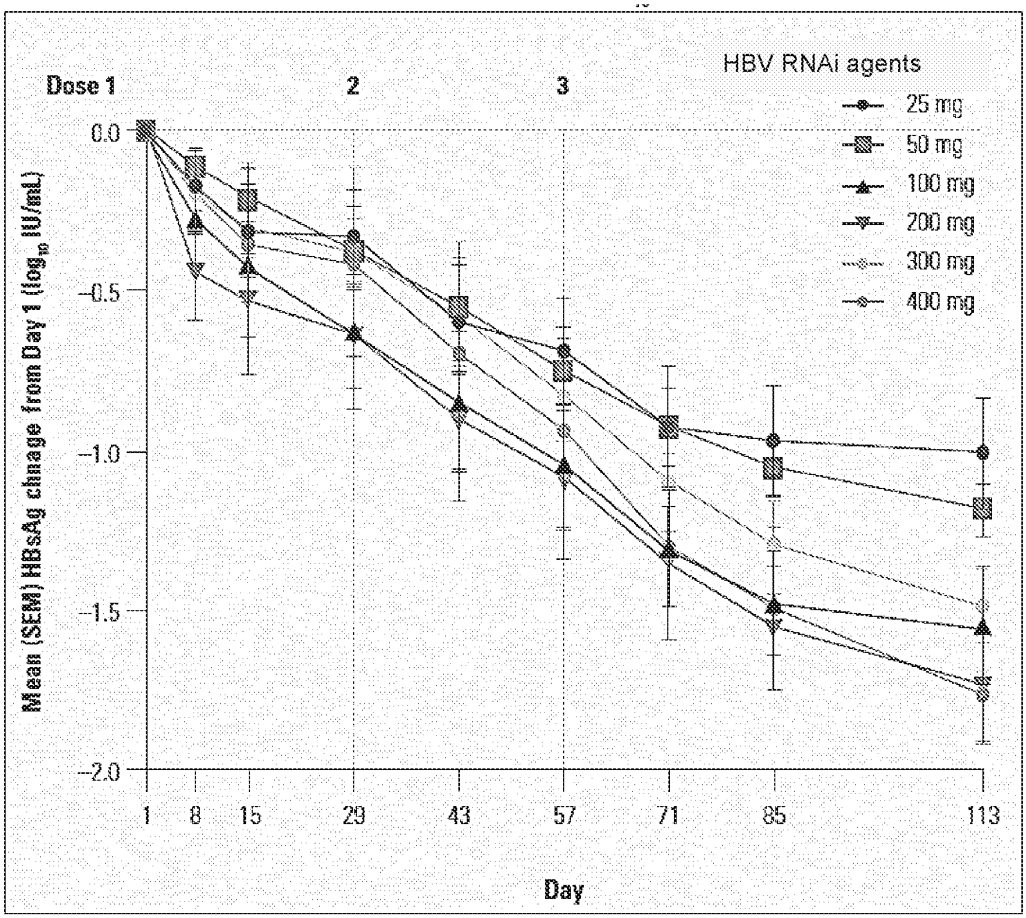

Dose 1
2
3
HBV RNAi agents
25 mg
50 mg
100 mg
200 mg
300 mg
400 mg
0.0
−0.5
−1.0
−1.5
−2.0
Mean (SEM) HBsAg chnage from Day 1 (log10 IU/mL)
1
8
15
29
43
57
71
85
113
Day

FIG. 17

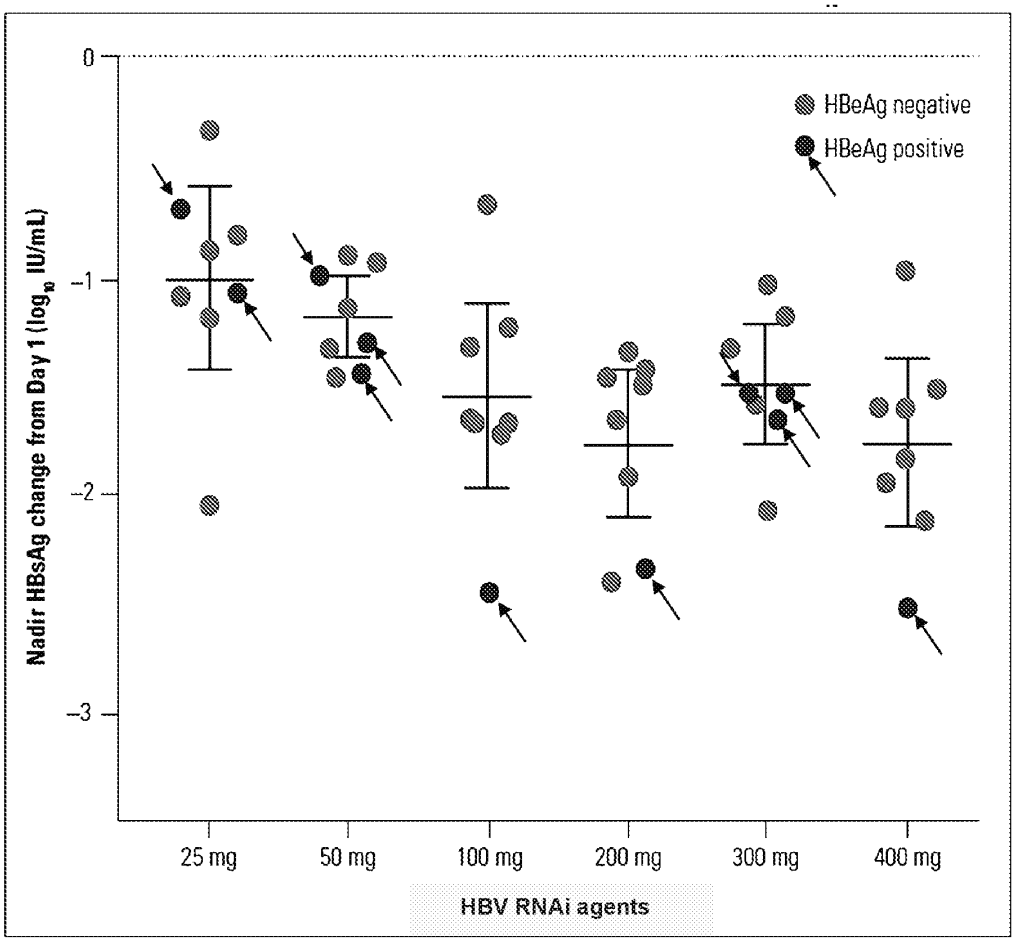

0
−1
−2
−3
Nadir HBsAg change from Day 1 (log_{10} IU/mL)
HBeAg negative
HBeAg positive
25 mg
50 mg
100 mg
200 mg
300 mg
400 mg
HBV RNAi agents

FIG. 18

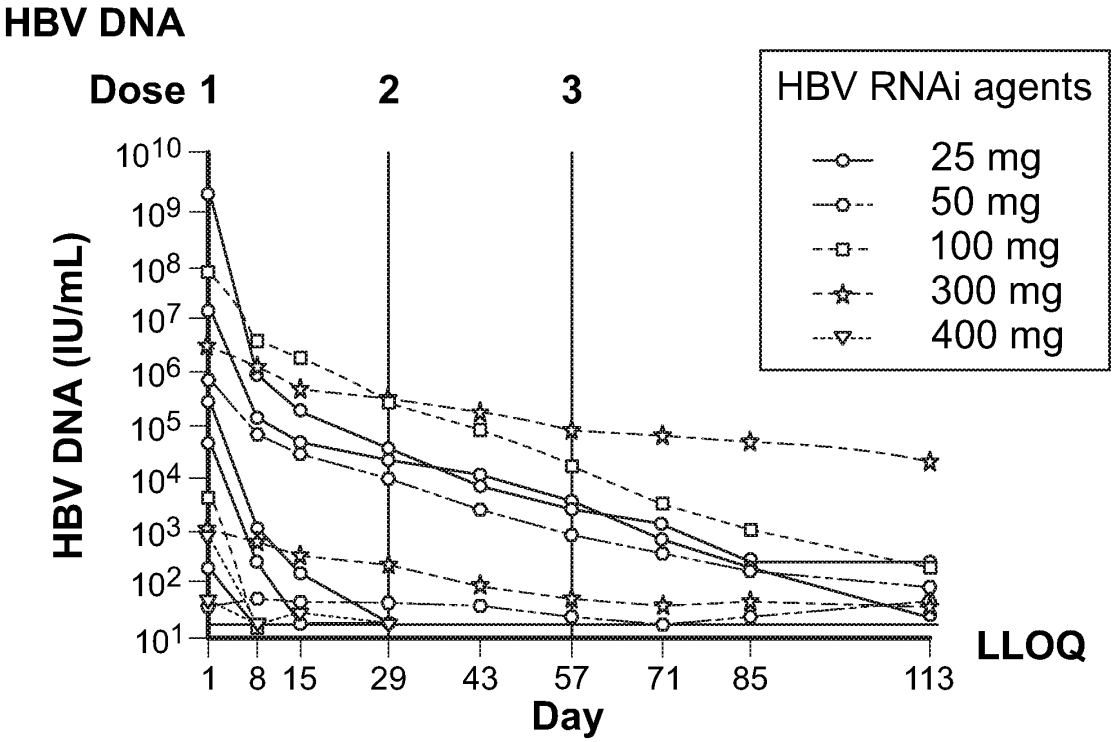


FIG. 19A

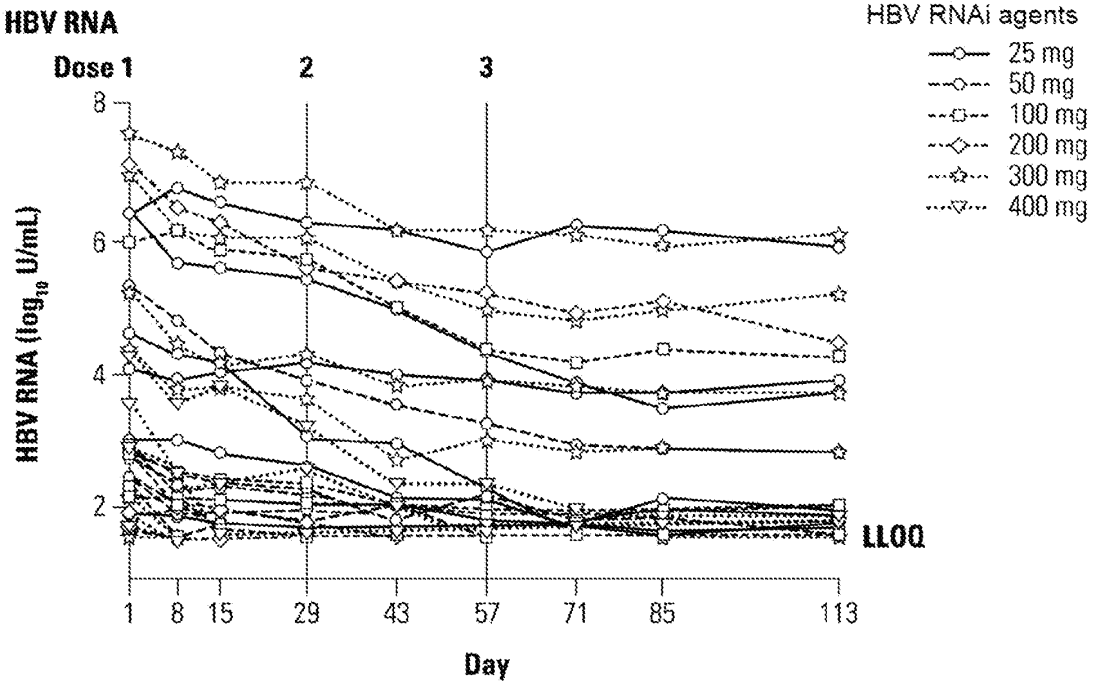


FIG. 19B

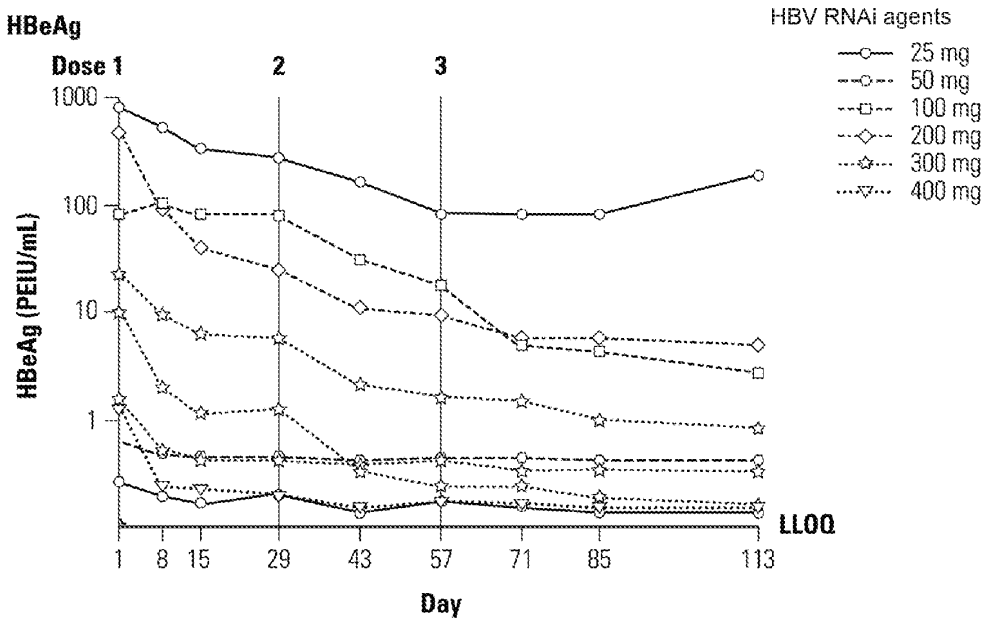


FIG. 19C

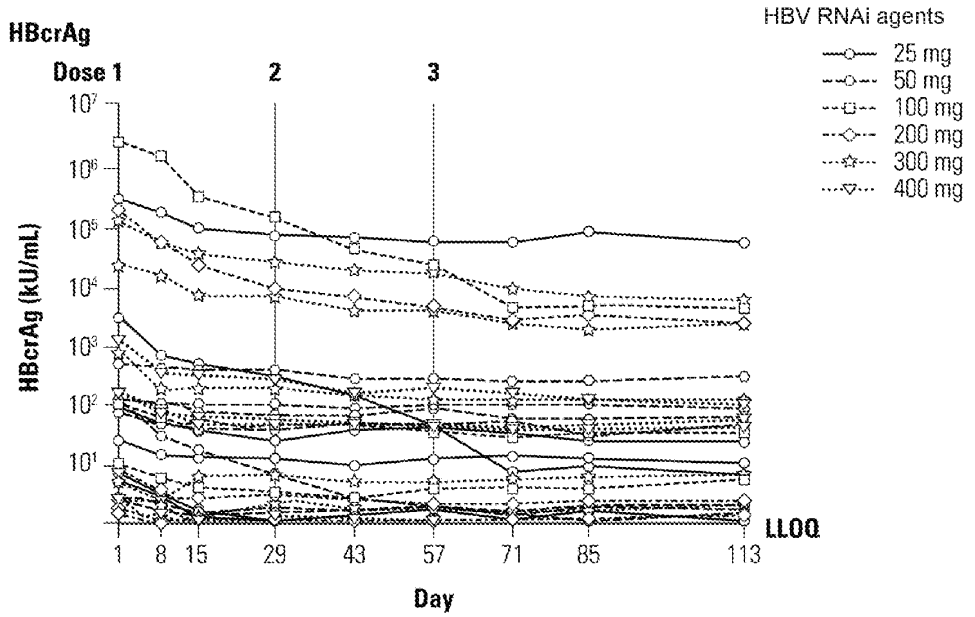


FIG. 19D

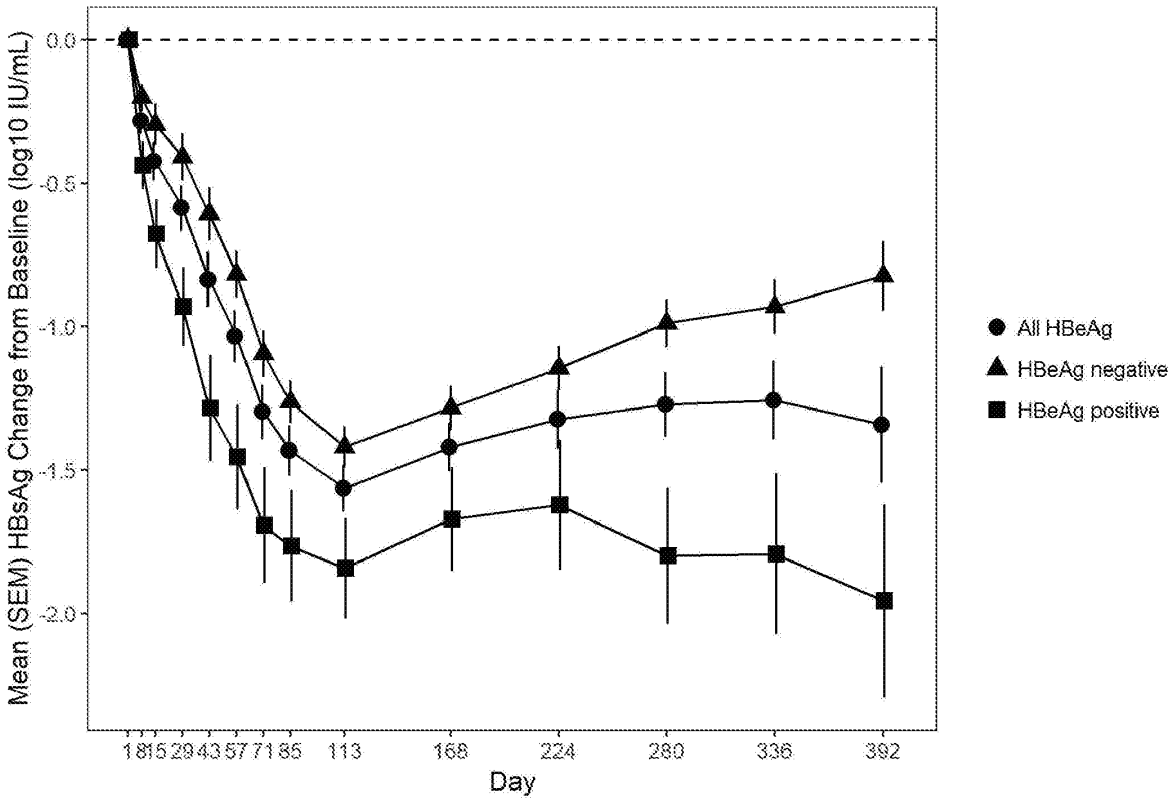

Mean (SEM) HBsAg Change from Baseline (log10 IU/mL)
0.0
-0.5
-1.0
-1.5
-2.0
1 8 15 29 43 57 71 85 113 168 224 280 336 392
Day
All HBeAg
HBeAg negative
HBeAg positive

FIG. 20

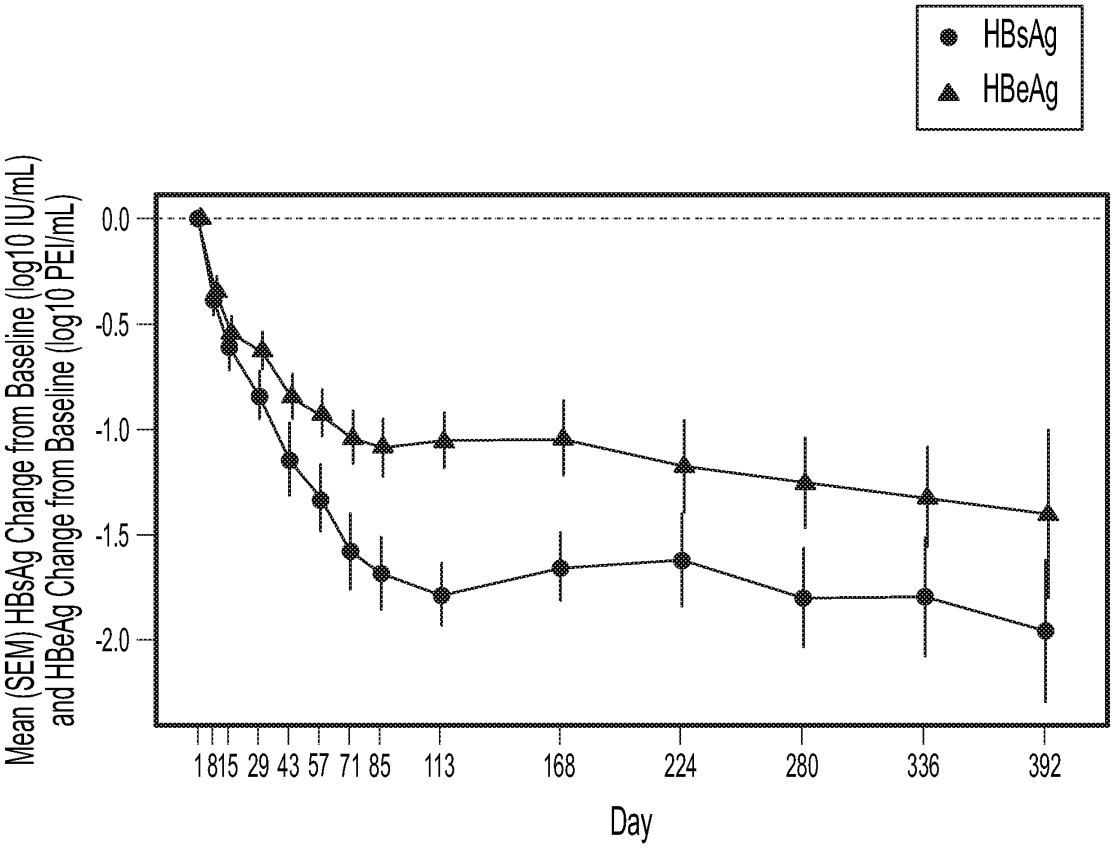

HBsAg
HBeAg
Mean (SEM) HBsAg Change from Baseline (log10 IU/mL) and HBeAg Change from Baseline (log10 PEI/mL)
0.0
-0.5
-1.0
-1.5
-2.0
1 8 15 29 43 57 71 85 113 168 224 280 336 392
Day

FIG. 21

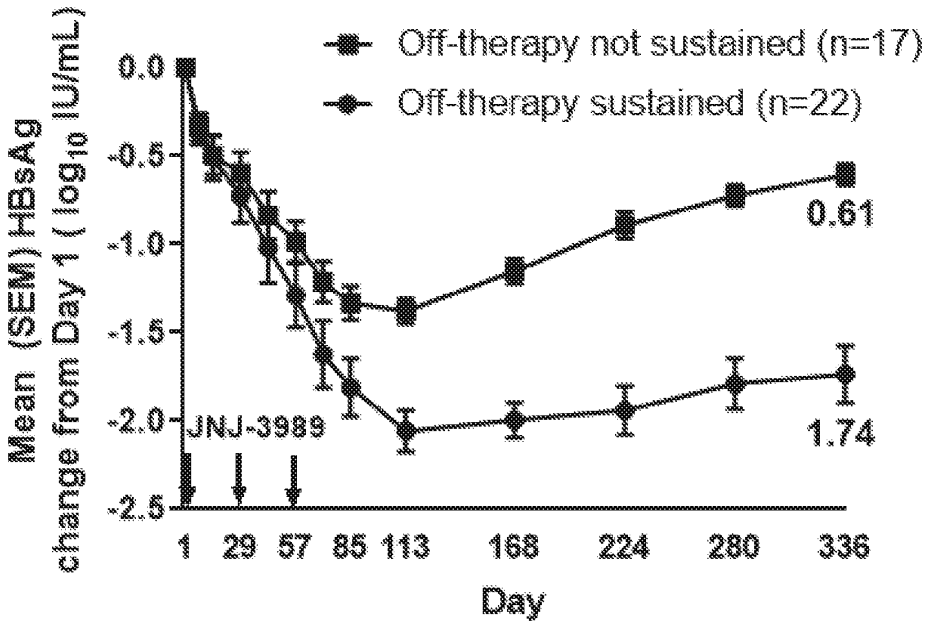

Off-therapy not sustained (n=17)
Off-therapy sustained (n=22)
Mean (SEM) HBsAg
change from Day 1 (log10 IU/mL)
0.0
-0.5
-1.0
-1.5
-2.0
-2.5
JNJ-3989
0.61
1.74
1
29
57
85
113
168
224
280
336
Day

FIG. 22