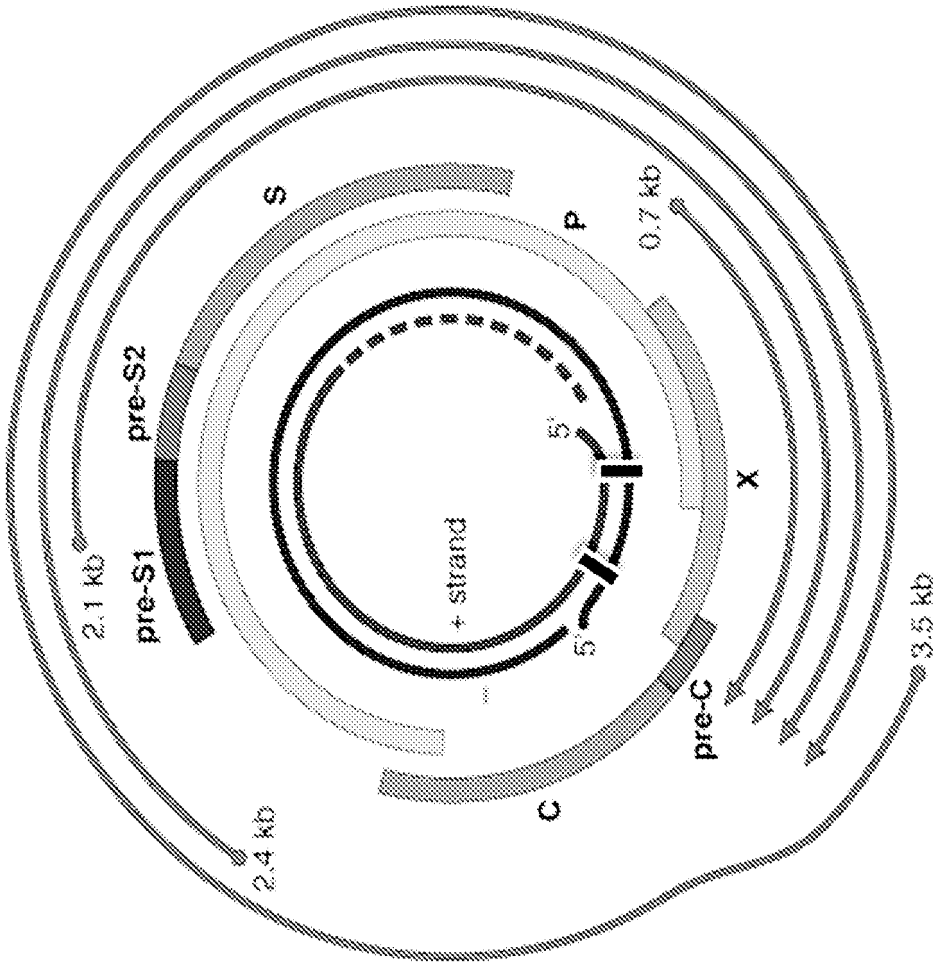
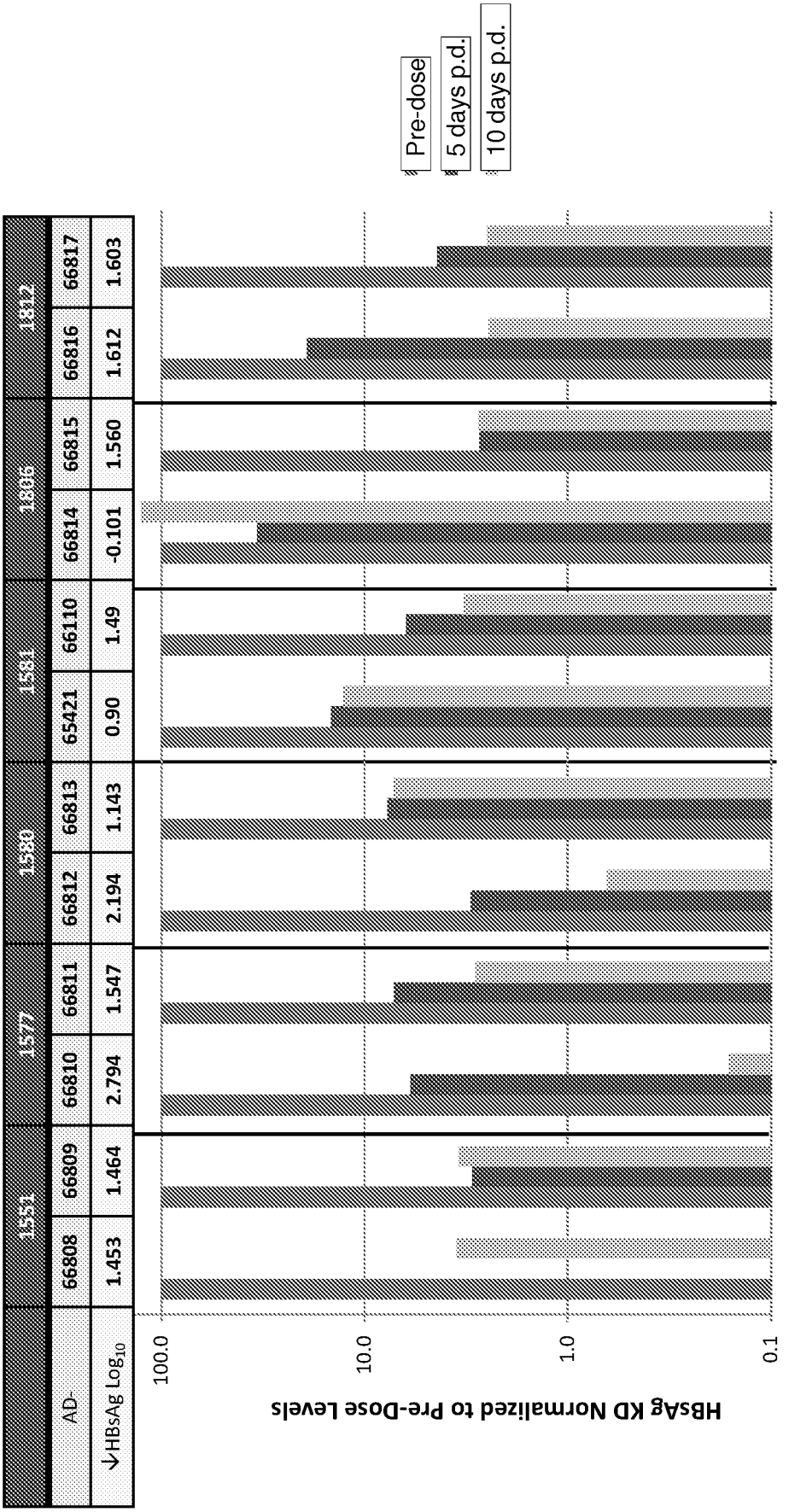


Figure 1



	1551		1577		1580		1581		1616		1612	
AD-	66808	66809	66810	66811	66812	66813	65421	66110	66814	66815	66816	66817
↓HBsAg Log_{10}	1.453	1.464	2.794	1.547	2.194	1.143	0.90	1.49	-0.101	1.560	1.612	1.603

Figure 2

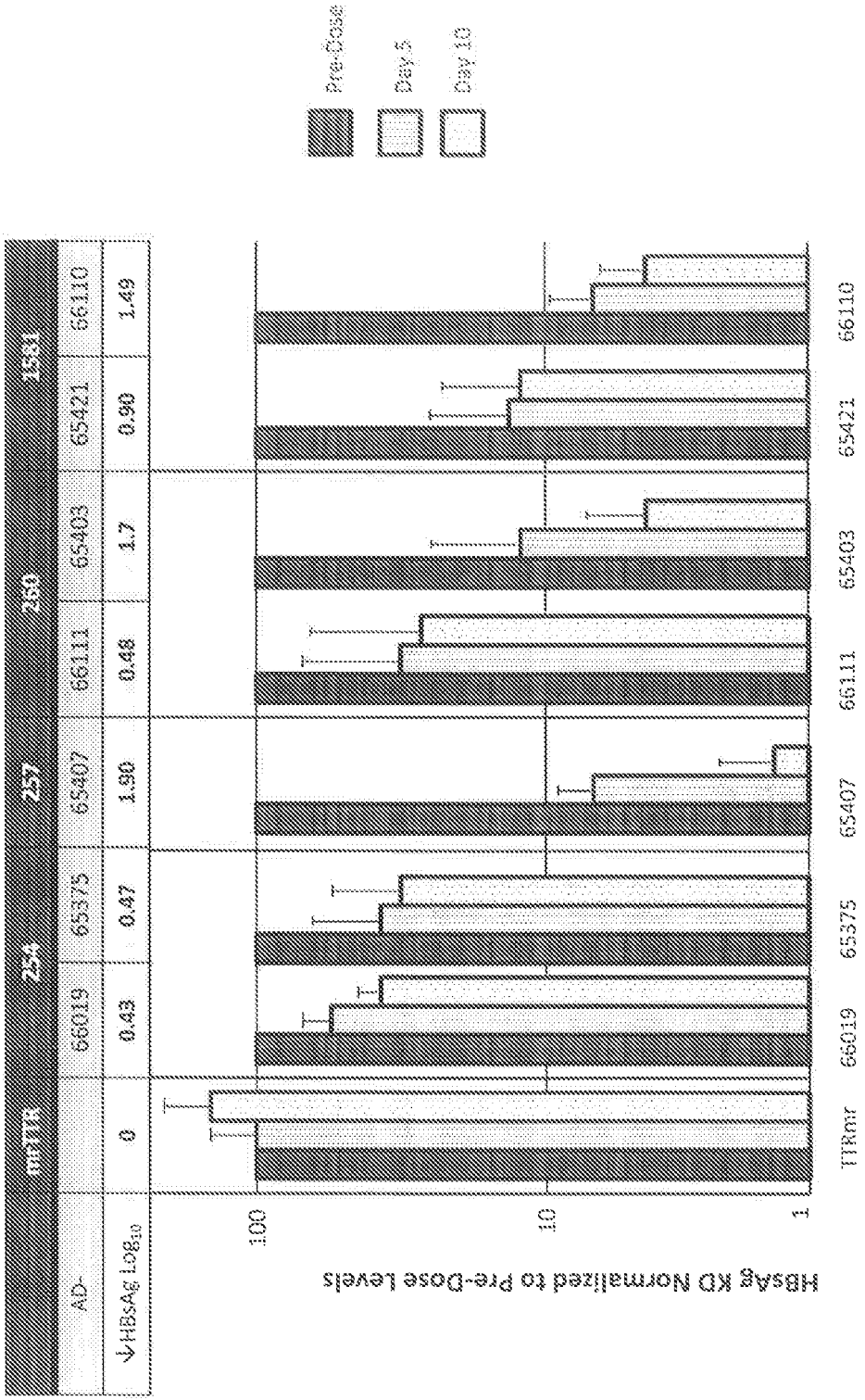

Pre-Dose
Day 5
Day 10
HBsAg KD Normalized to Pre-Dose levels
100
10
1
TTRmr
66019
65375
65407
66111
65403
65421
66110
3 mg/kg SC single dose
AD-
↓HBsAg Log10
0
0.43
0.47
1.90
0.48
1.7
0.90
1.49
mTTR
254
257
260
1531

Figure 3

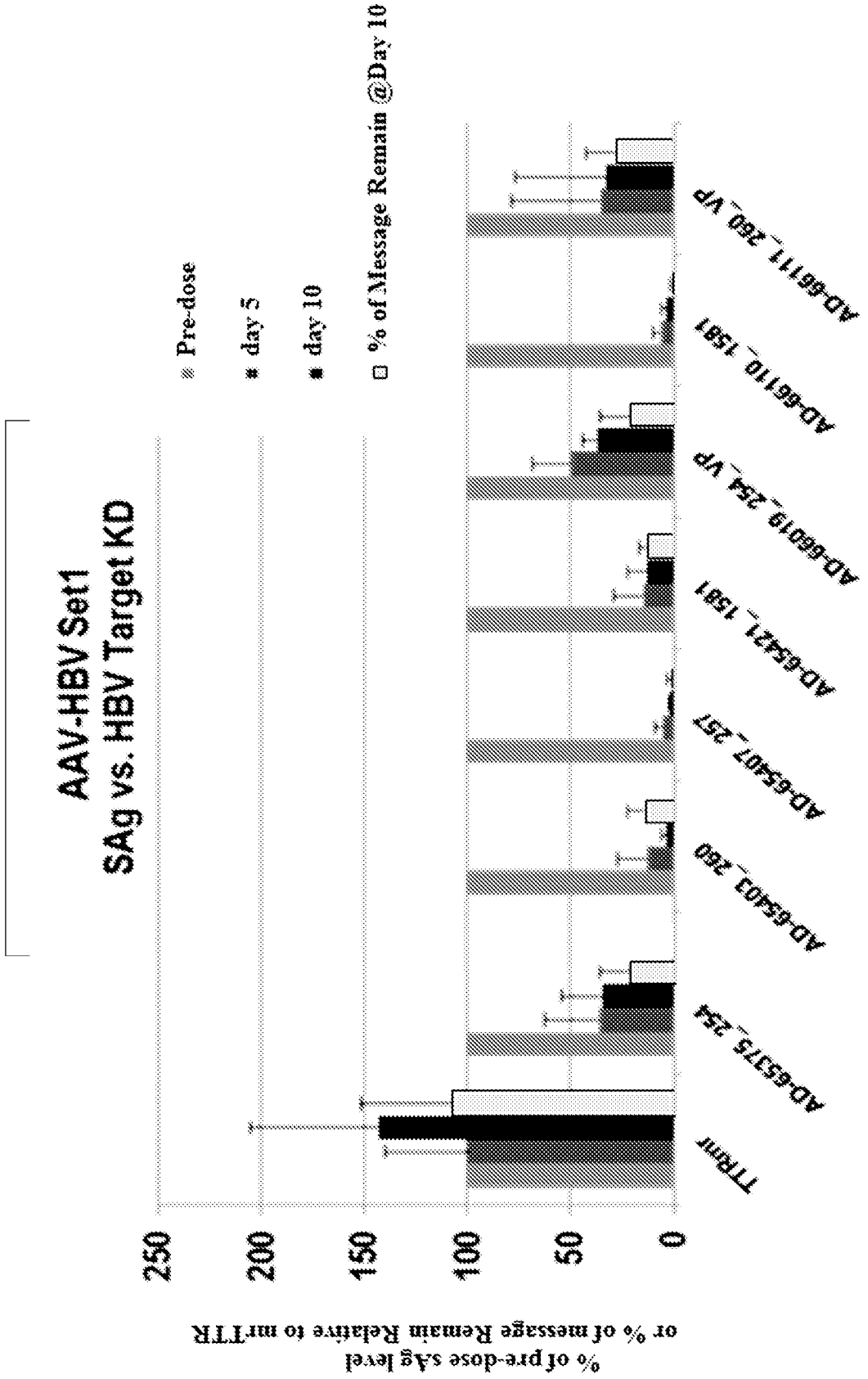

AAV-HBV Set1
SAg vs. HBV Target KD
Pre-dose
day 5
day 10
% of Message Remain @Day 10
% of pre-dose sAg level
or % of message Remain Relative to mrTTR
250
200
150
100
50
0
TTRmr
AD-65375_25A
AD-65403_260
AD-65407_25T
AD-65421_15B1
AD-66019_25A_VP
AD-66110_15B1
AD-66111_260_VP

Figure 4

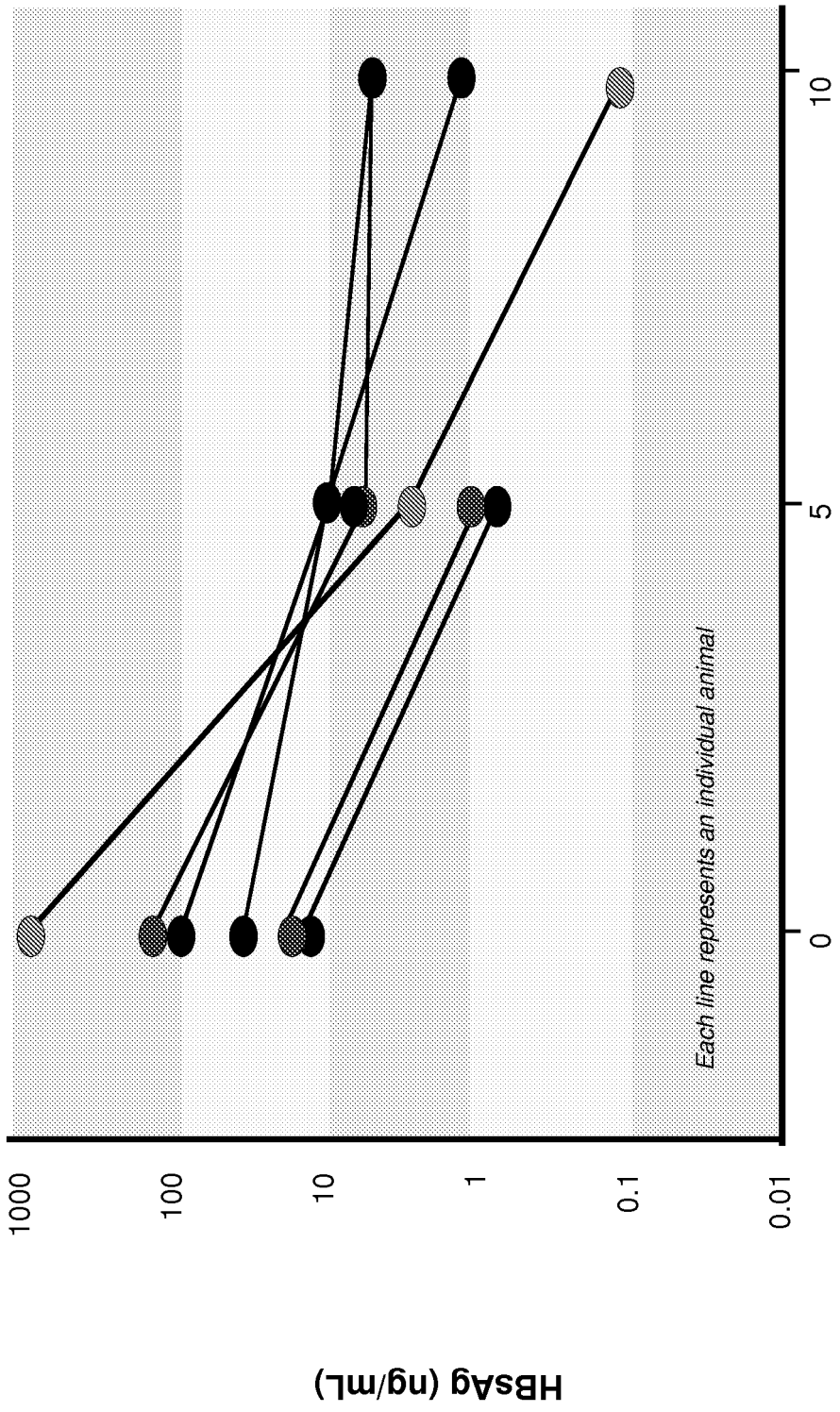

HBsAg (ng/mL)
1000
100
10
1
0.1
0.01
0
5
10
Days
Each line represents an individual animal

Figure 5

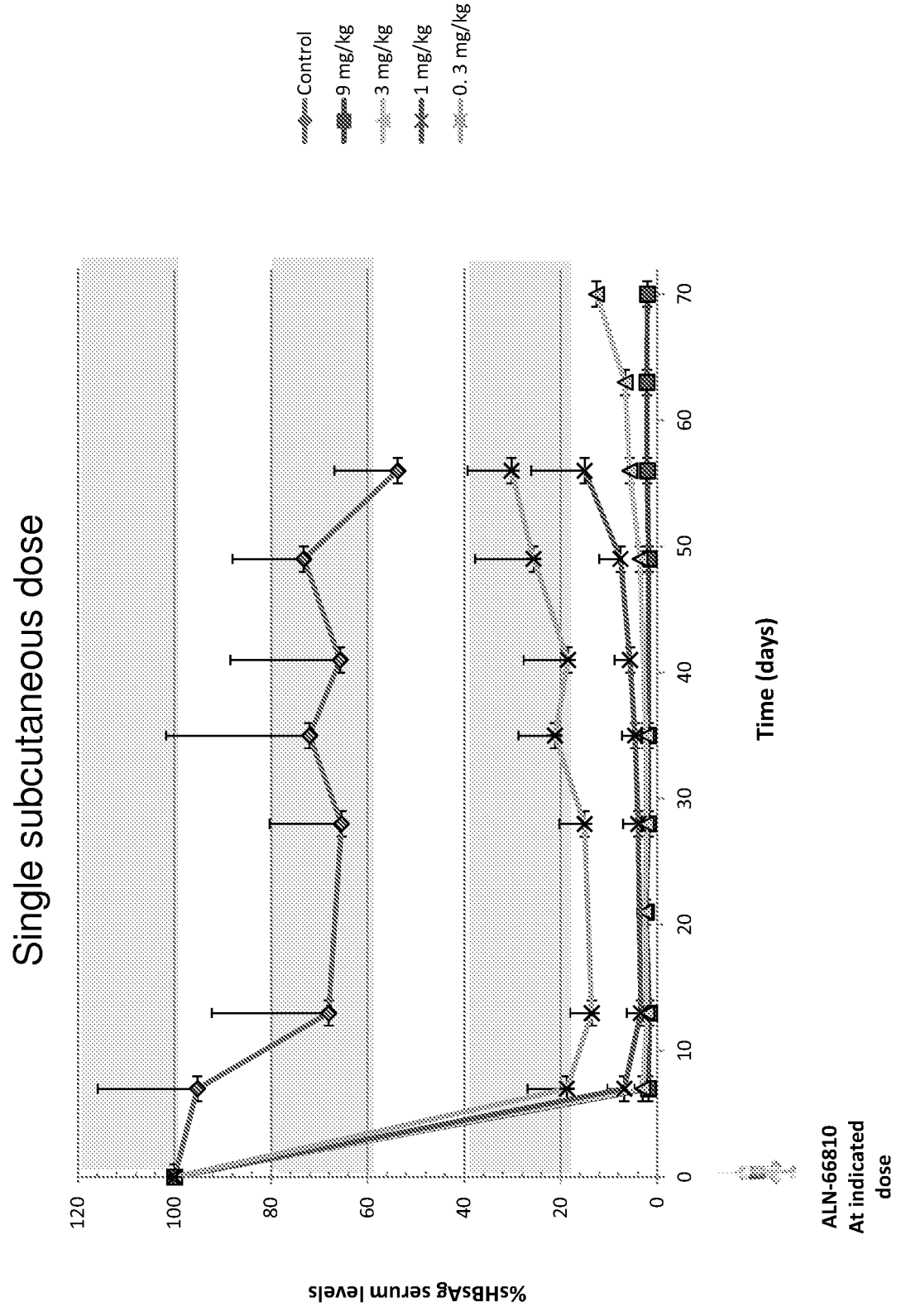

Single subcutaneous dose
Control
9 mg/kg
3 mg/kg
1 mg/kg
0. 3 mg/kg
%sHBsAg serum levels
120
100
80
60
40
20
0
0
10
20
30
40
50
60
70
Time (days)
ALN-66810
At indicated
dose

Figure 6A

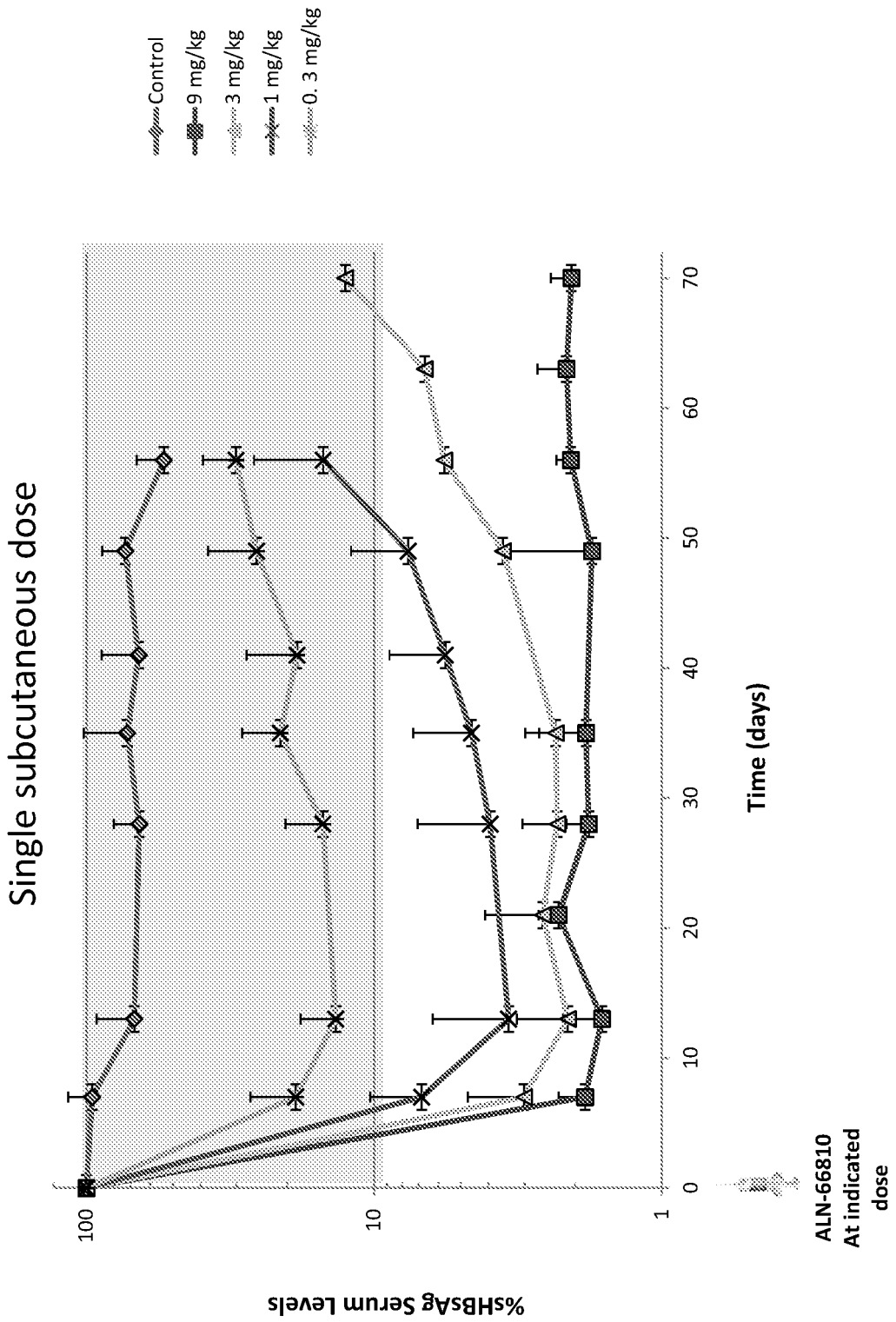

Single subcutaneous dose
Control
9 mg/kg
3 mg/kg
1 mg/kg
0. 3 mg/kg
%sHBsAg Serum Levels
100
10
1
0
10
20
30
40
50
60
70
Time (days)
ALN-66810
At indicated
dose

Figure 6B

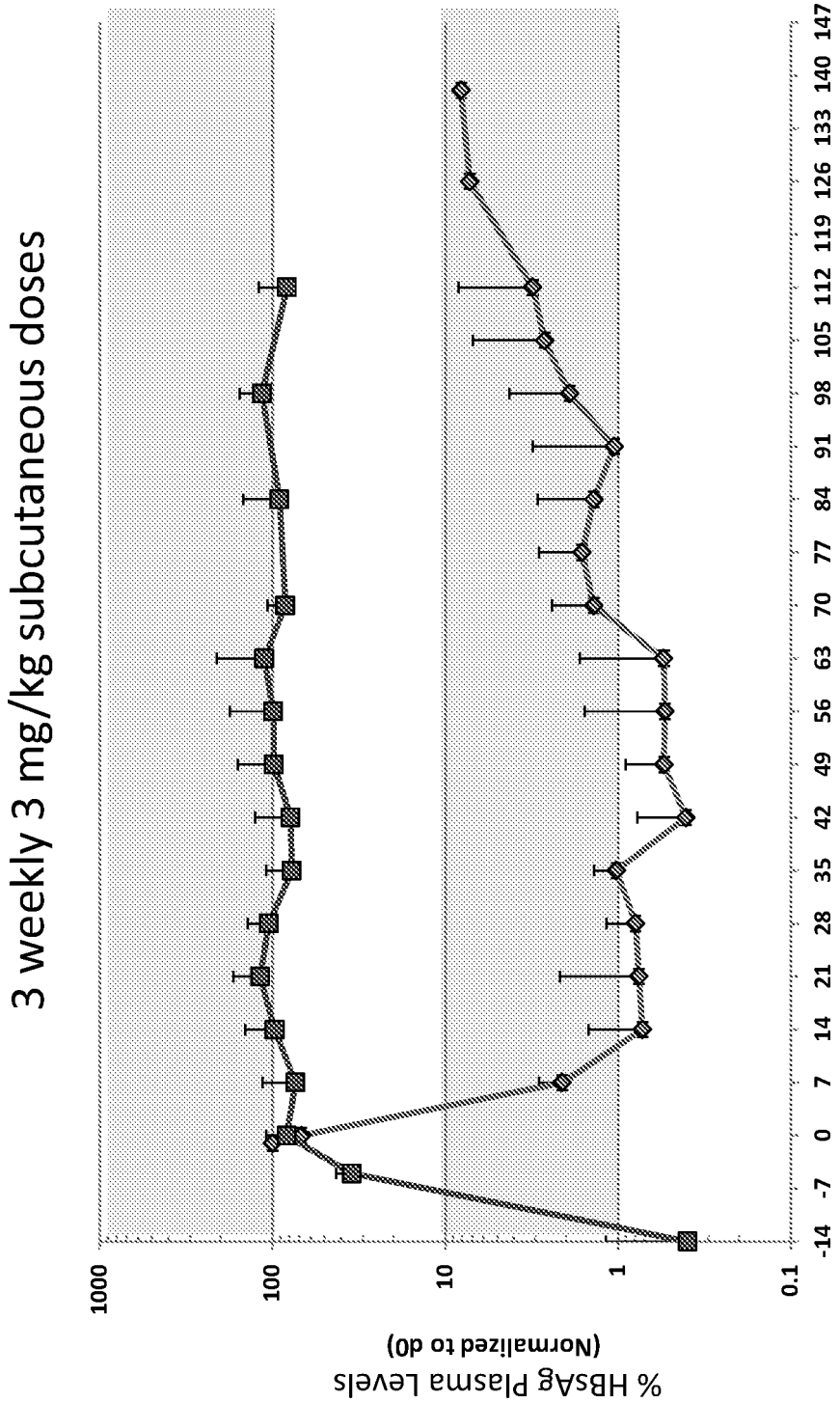

3 weekly 3 mg/kg subcutaneous doses
% HBsAg Plasma Levels
(Normalized to d0)
1000
100
10
1
0.1
-14 -7 0 7 14 21 28 35 42 49 56 63 70 77 84 91 98 105 112 119 126 133 140 147
Time (days)
AAV-HBV
10^{11} VG
ALN-66810
3 mg/kg
qwk x3, SC

Figure 7