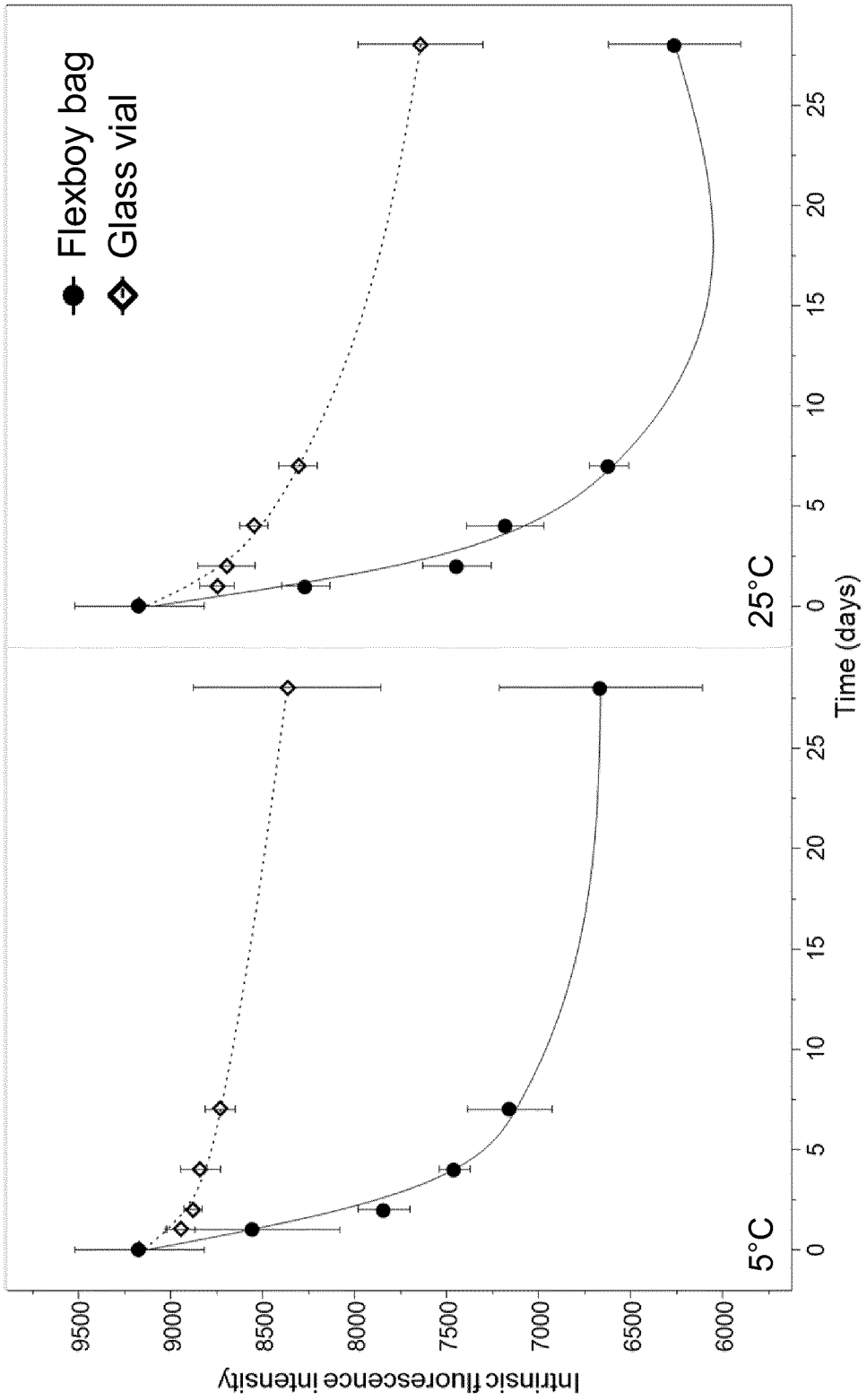

Flexboy bag
Glass vial
25°C
5°C
Intrinsic fluorescence intensity
Time (days)
9500
9000
8500
8000
7500
7000
6500
6000
0
5
10
15
20
25

Fig. 1

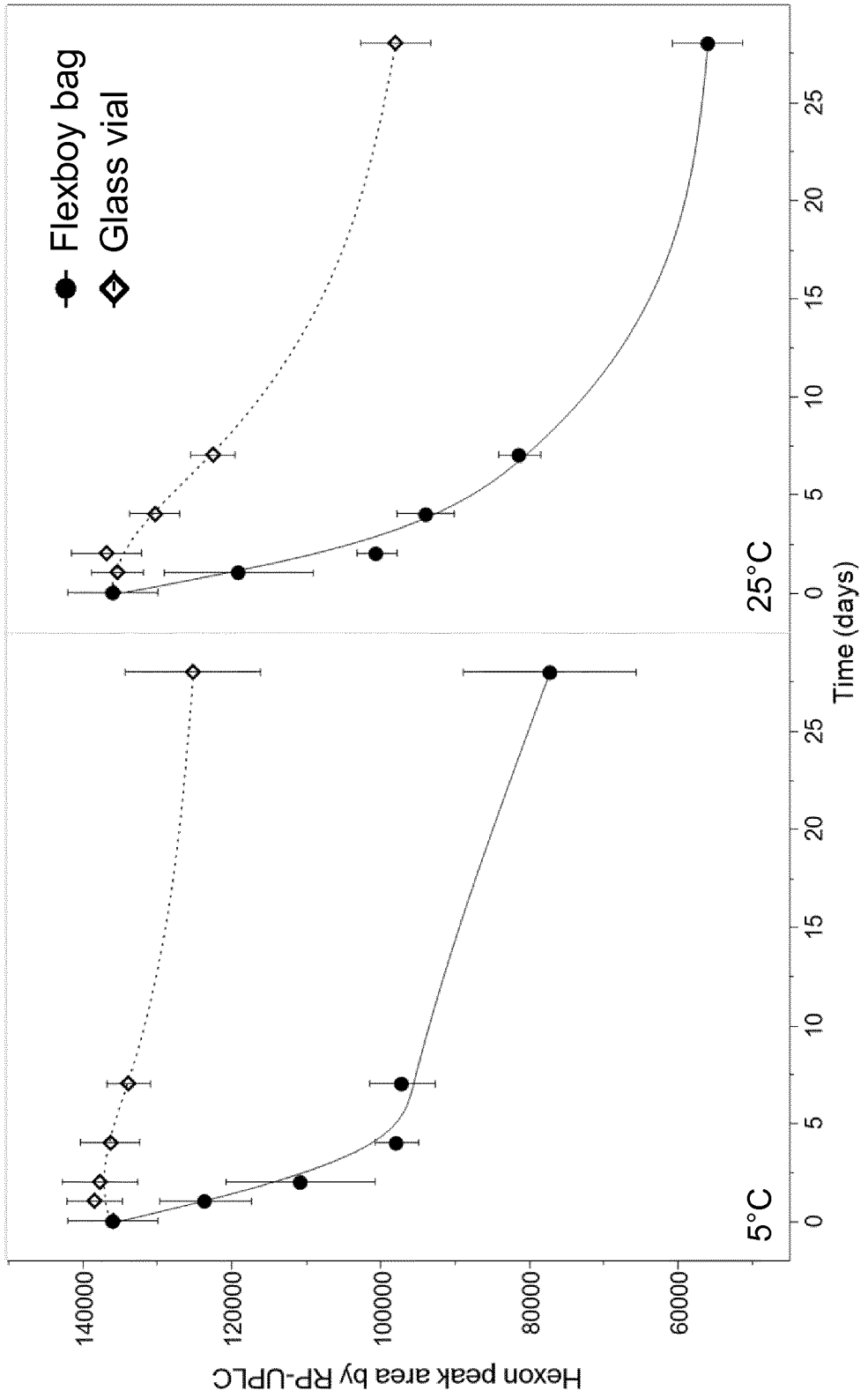

Flexboy bag
Glass vial
25°C
5°C
Time (days)
Hexon peak area by RP-UPLC
140000
120000
100000
80000
60000
0
5
10
15
20
25

Fig. 2

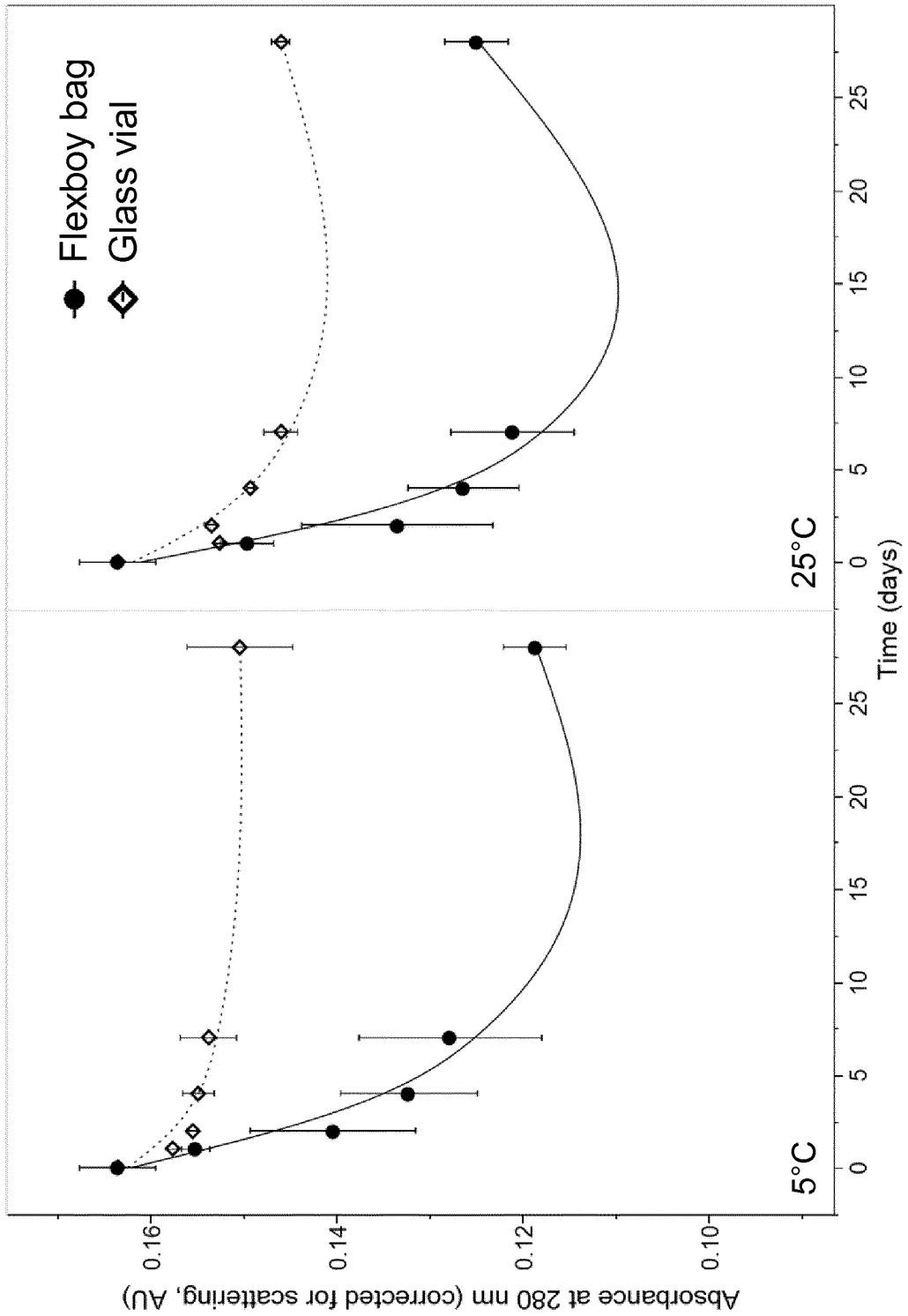

Flexboy bag
Glass vial
25°C
5°C
Time (days)
Absorbance at 280 nm (corrected for scattering, AU)
0.10
0.12
0.14
0.16
0
5
10
15
20
25

Fig. 3

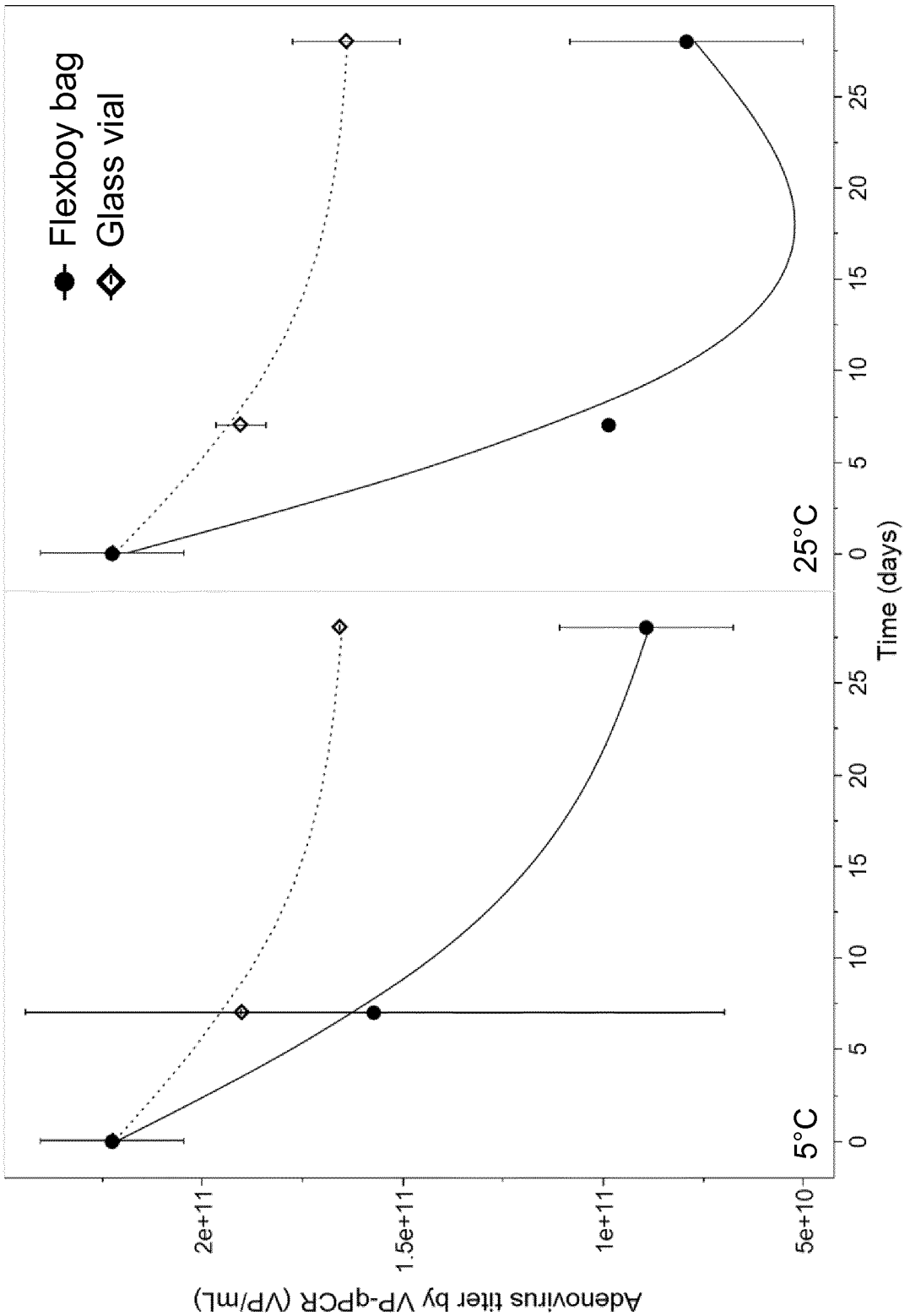

Flexboy bag
Glass vial
25°C
5°C
Time (days)
0
5
10
15
20
25
5e+10
1e+11
1.5e+11
2e+11
Adenovirus titer by VP-qPCR (VP/mL)

Fig. 4

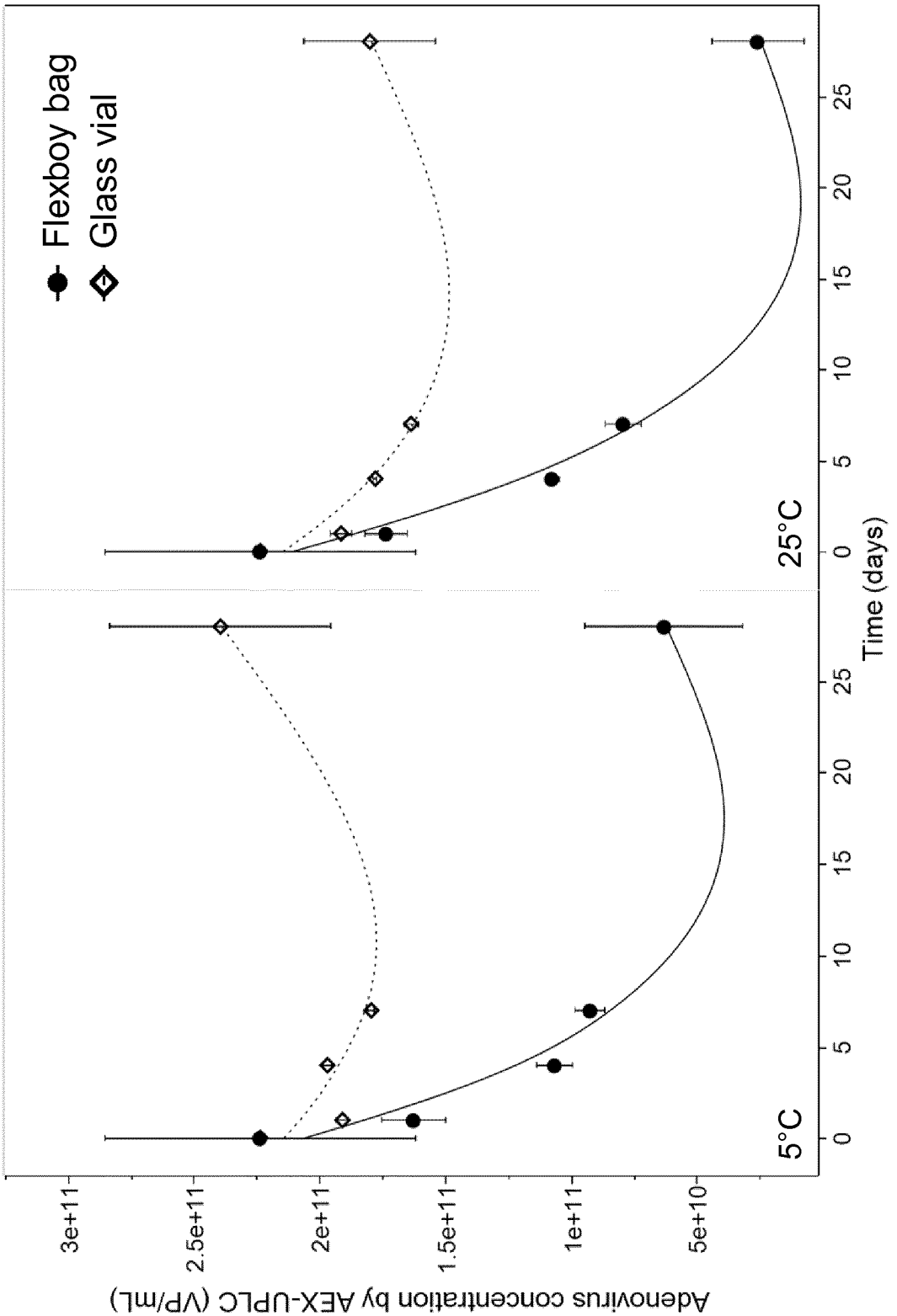

Flexboy bag
Glass vial
25°C
5°C
Time (days)
Adenovirus concentration by AEX-UPLC (VP/mL)
3e+11
2.5e+11
2e+11
1.5e+11
1e+11
5e+10
0
5
10
15
20
25

Fig. 5

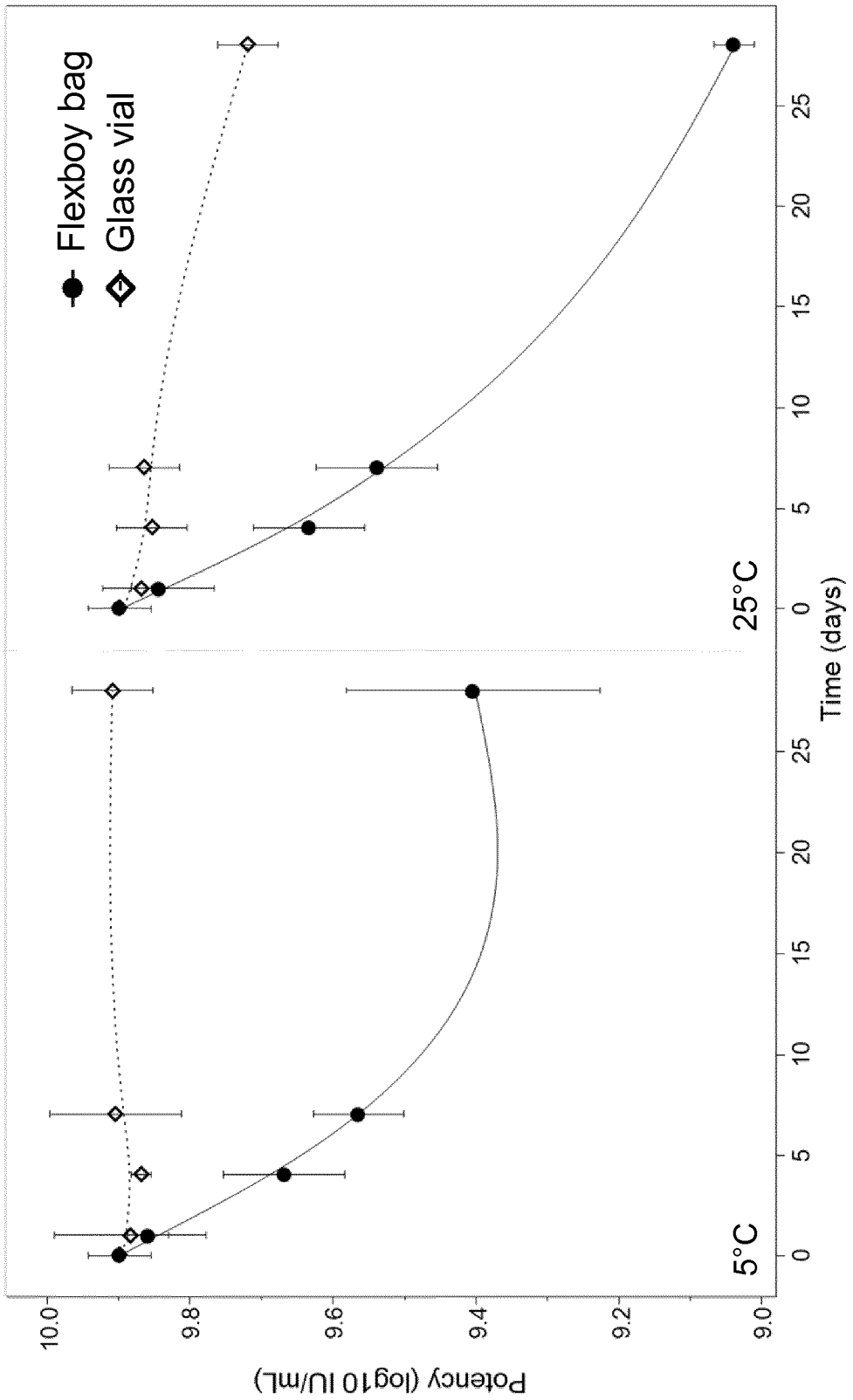

Flexboy bag
Glass vial
25°C
5°C
Time (days)
Potency (log10 IU/mL)
10.0
9.8
9.6
9.4
9.2
9.0
0
5
10
15
20
25

Fig. 6

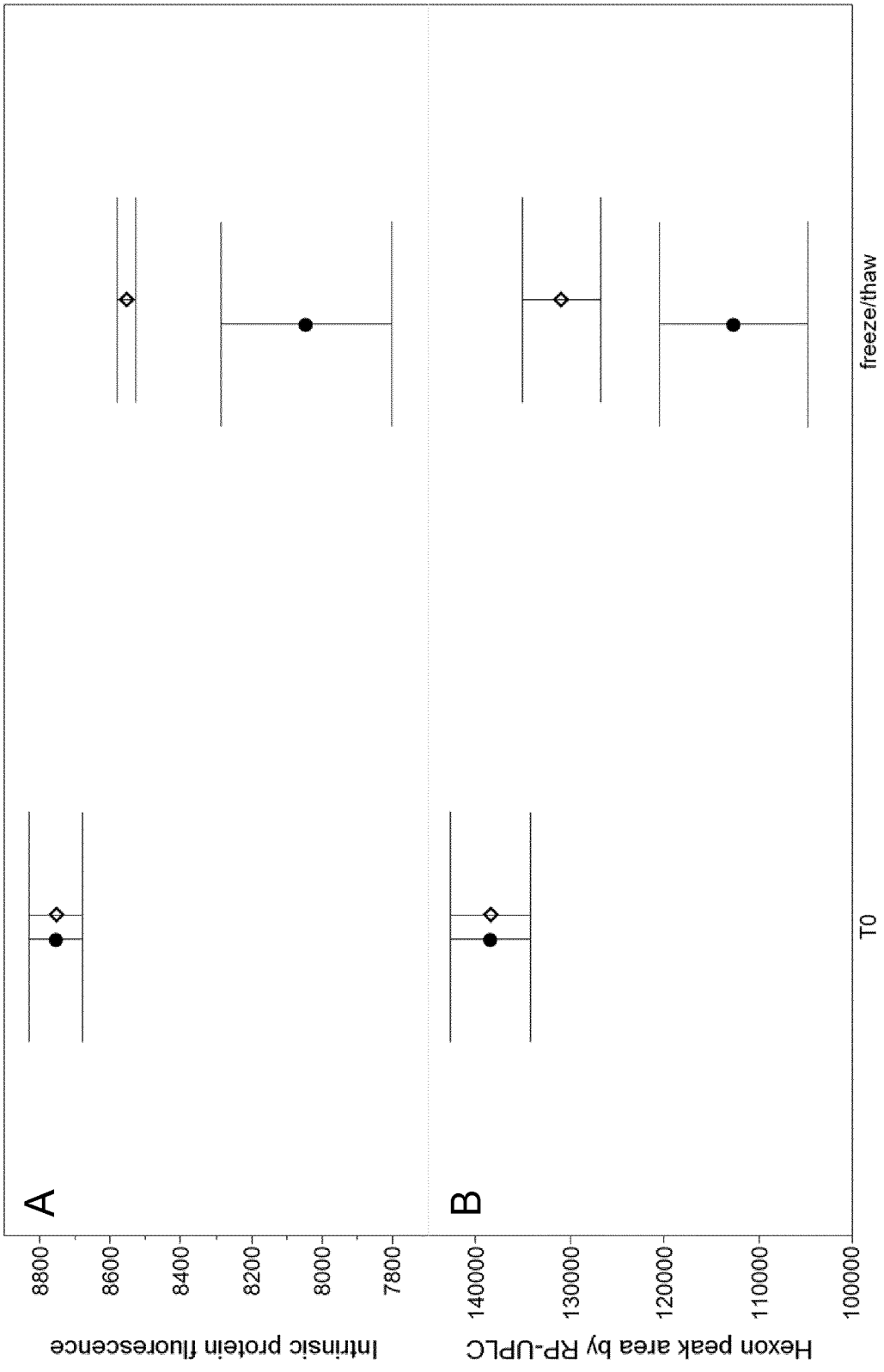

A
B
Intrinsic protein fluorescence
Hexon peak area by RP-UPLC
8800
8600
8400
8200
8000
7800
140000
130000
120000
110000
100000
T0
freeze/thaw

Fig. 7

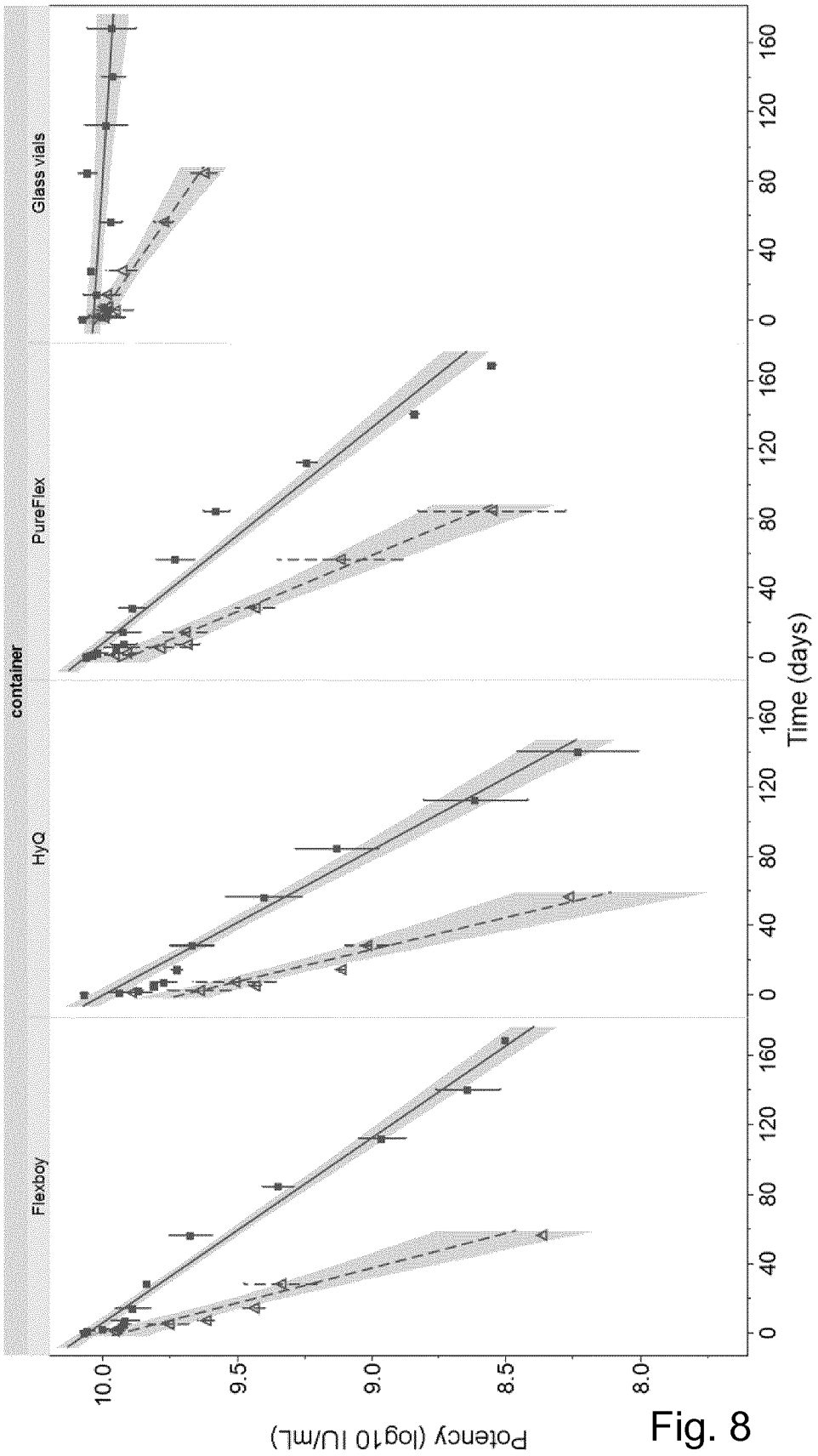

container
Flexboy
HyQ
PureFlex
Glass vials
Potency (log10 IU/mL)
10.0
9.5
9.0
8.5
8.0
Time (days)
0
40
80
120
160

Fig. 8

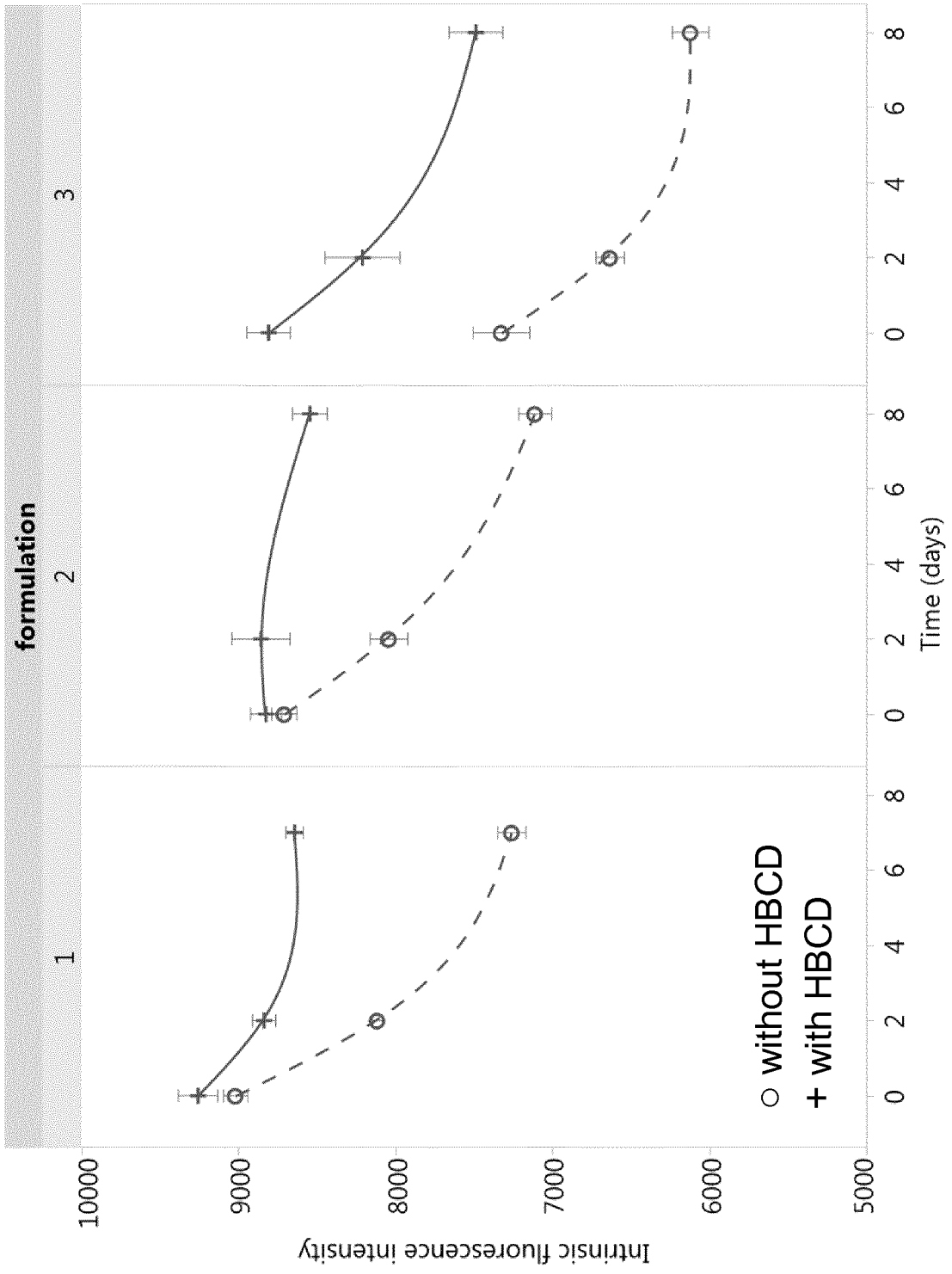

formulation
1
2
3
Intrinsic fluorescence intensity
10000
9000
8000
7000
6000
5000
0
2
4
6
8
Time (days)
○ without HBCD
+ with HBCD

Fig. 9

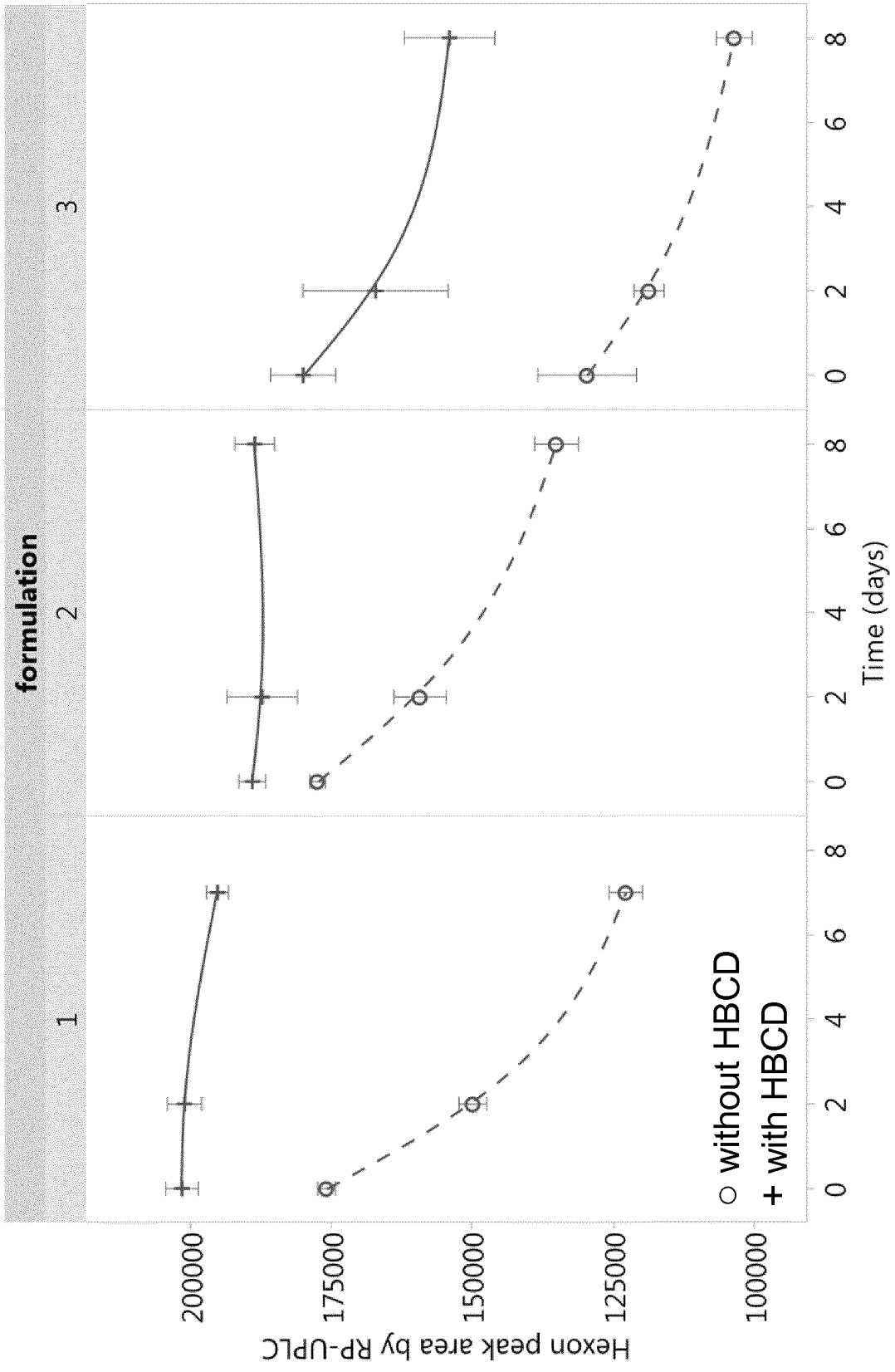

formulation
1
2
3
Hexon peak area by RP-UPLC
200000
175000
150000
125000
100000
Time (days)
0
2
4
6
8
○ without HBCD
+ with HBCD

Fig. 10

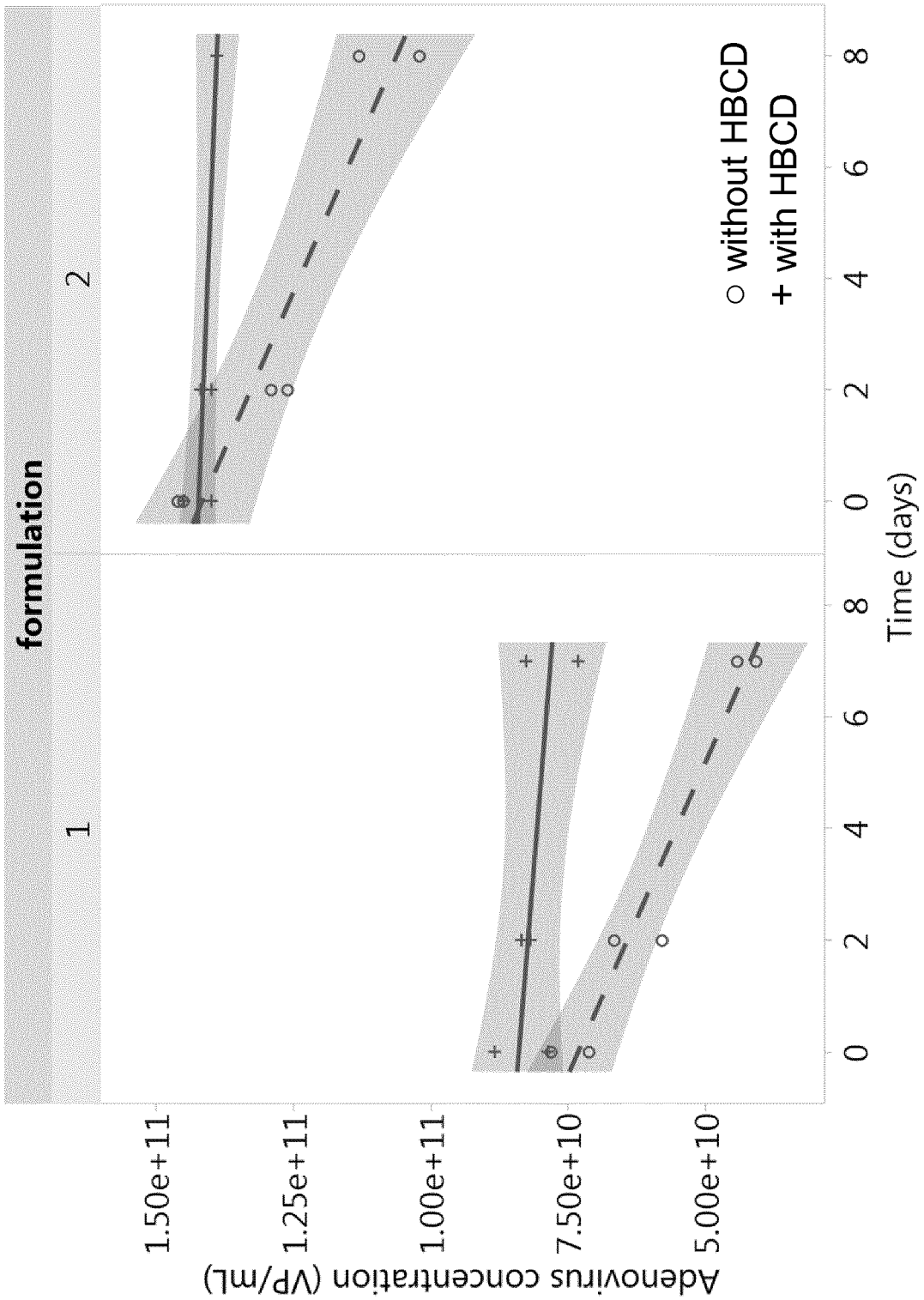

formulation
1
2
○ without HBCD
+ with HBCD
Adenovirus concentration (VP/mL)
1.50e+11
1.25e+11
1.00e+11
7.50e+10
5.00e+10
0
2
4
6
8
Time (days)

Fig. 11

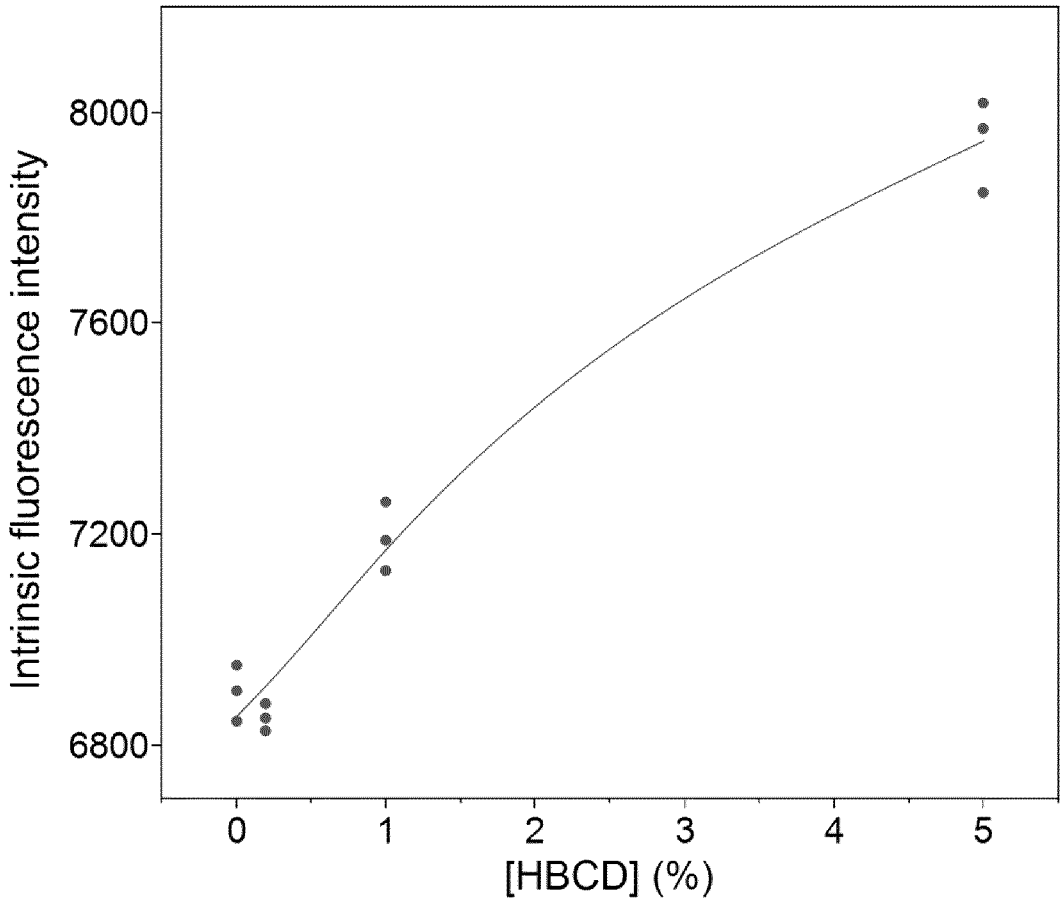

Intrinsic fluorescence intensity
8000
7600
7200
6800
0
1
2
3
4
5
[HBCD] (%)

Fig. 12

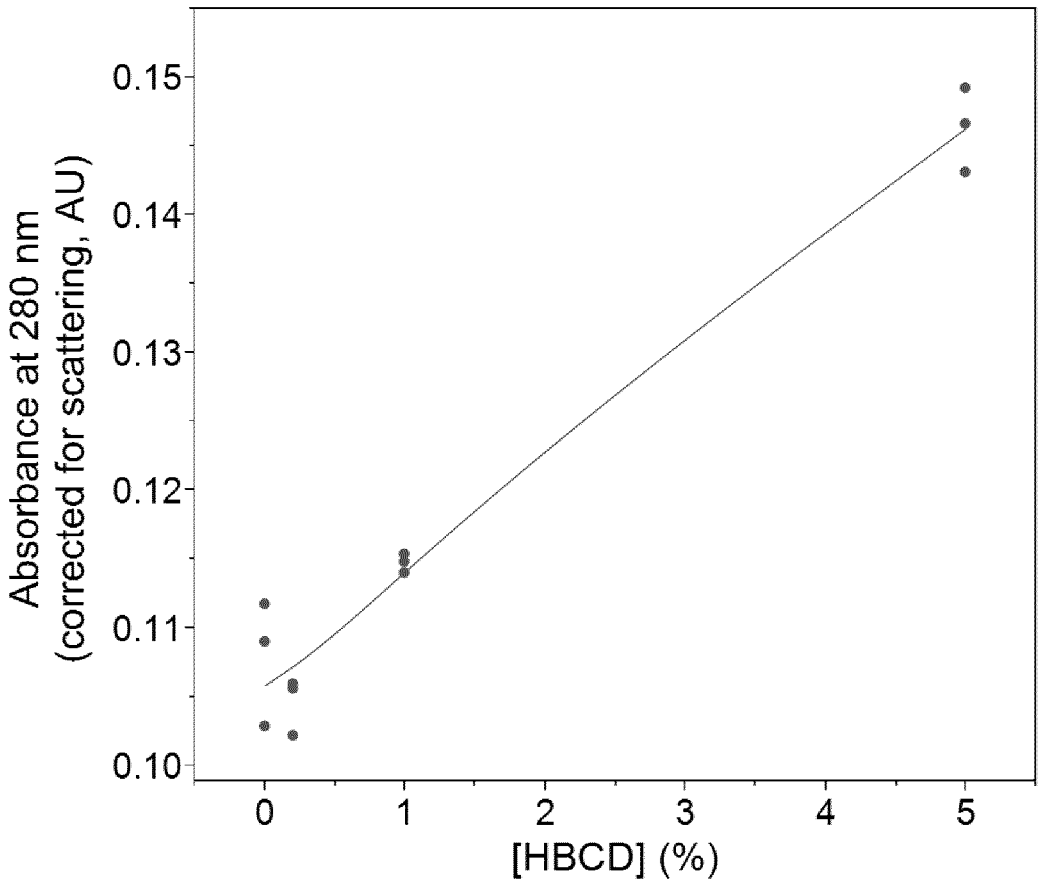

Absorbance at 280 nm
(corrected for scattering, AU)
0.15
0.14
0.13
0.12
0.11
0.10
0
1
2
3
4
5
[HBCD] (%)

Fig. 13

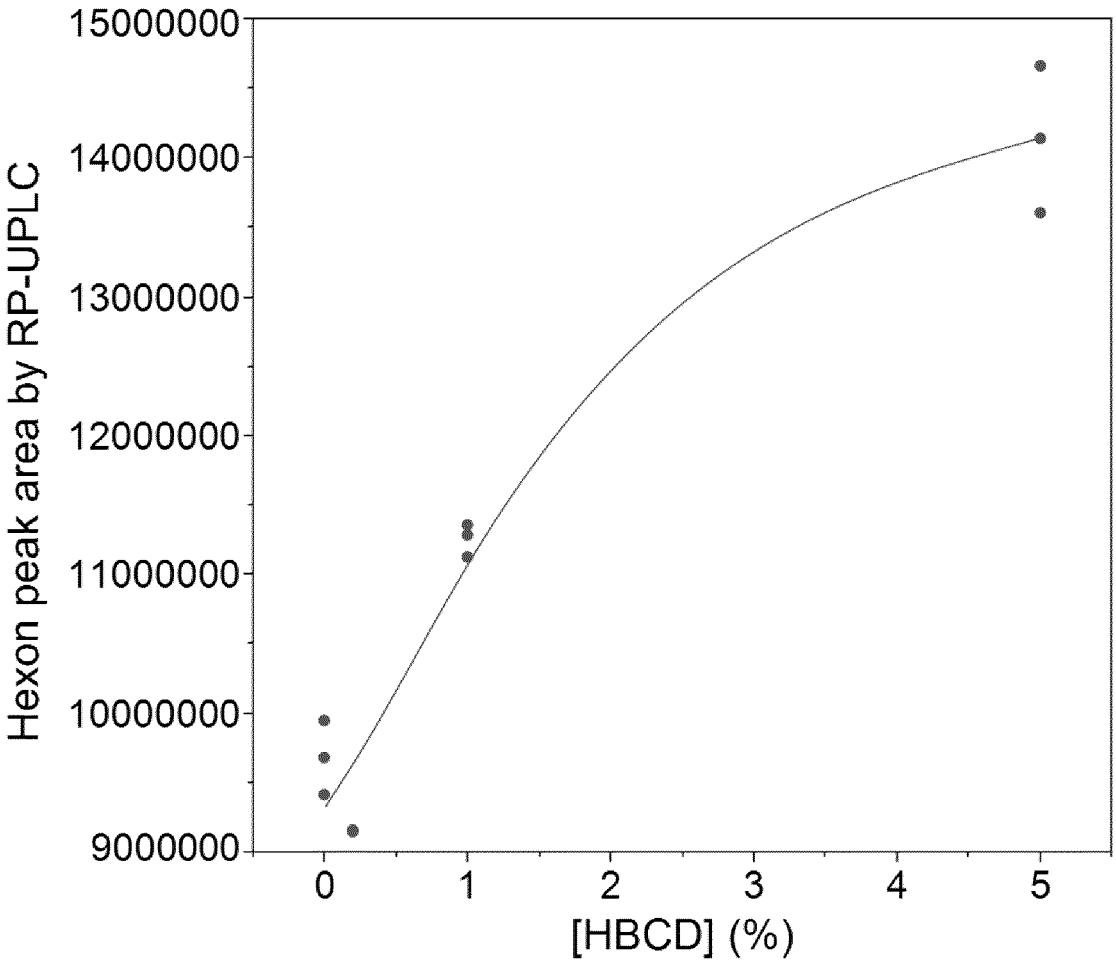

15000000
14000000
13000000
12000000
11000000
10000000
9000000
Hexon peak area by RP-UPLC
0
1
2
3
4
5
[HBCD] (%)

Fig. 14

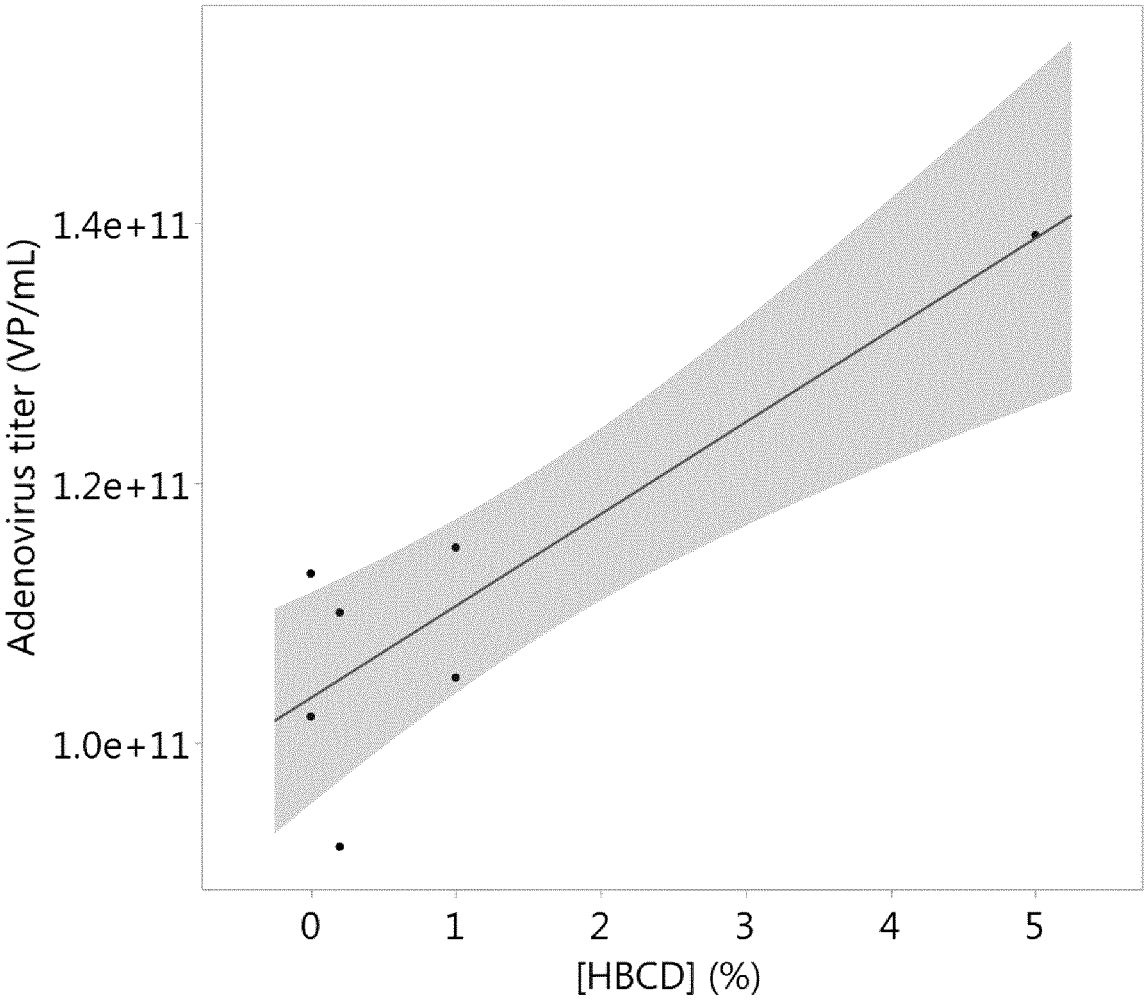


Fig. 15

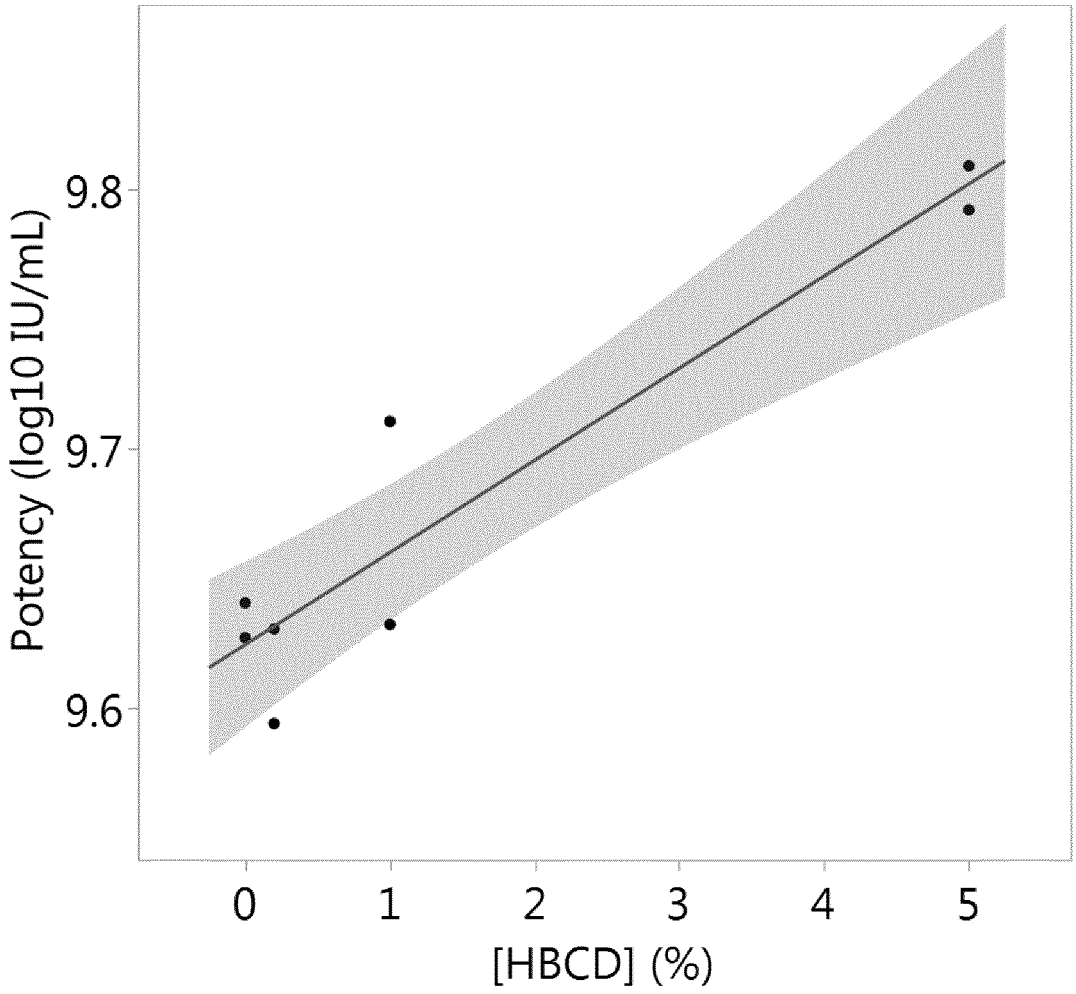


Fig. 16