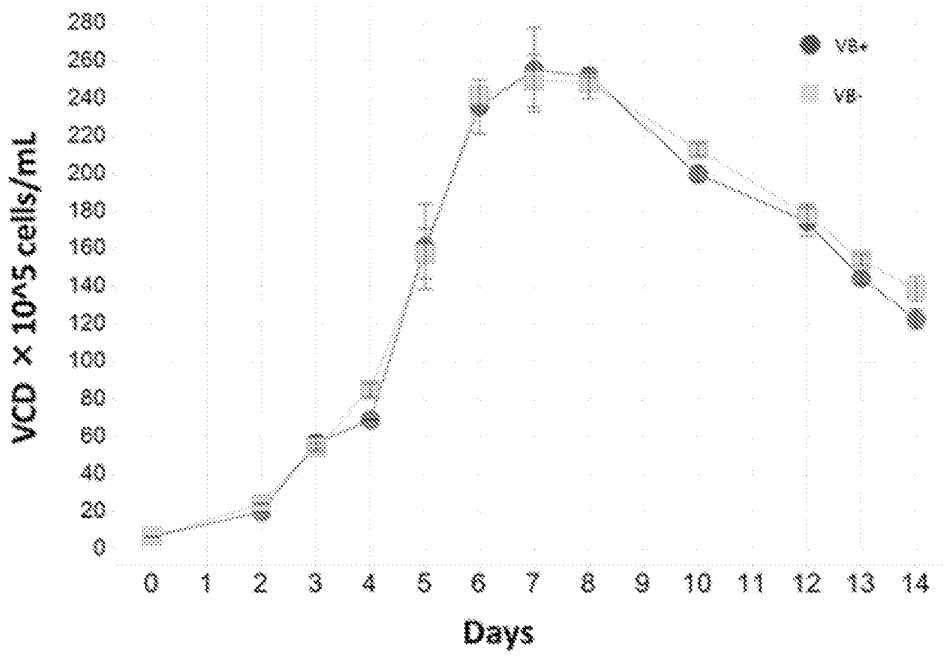
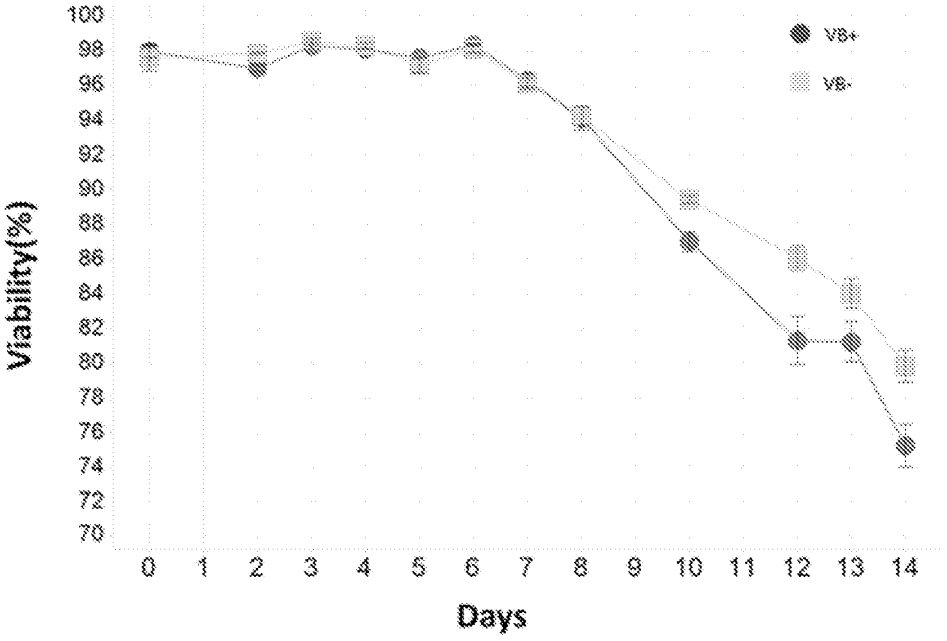
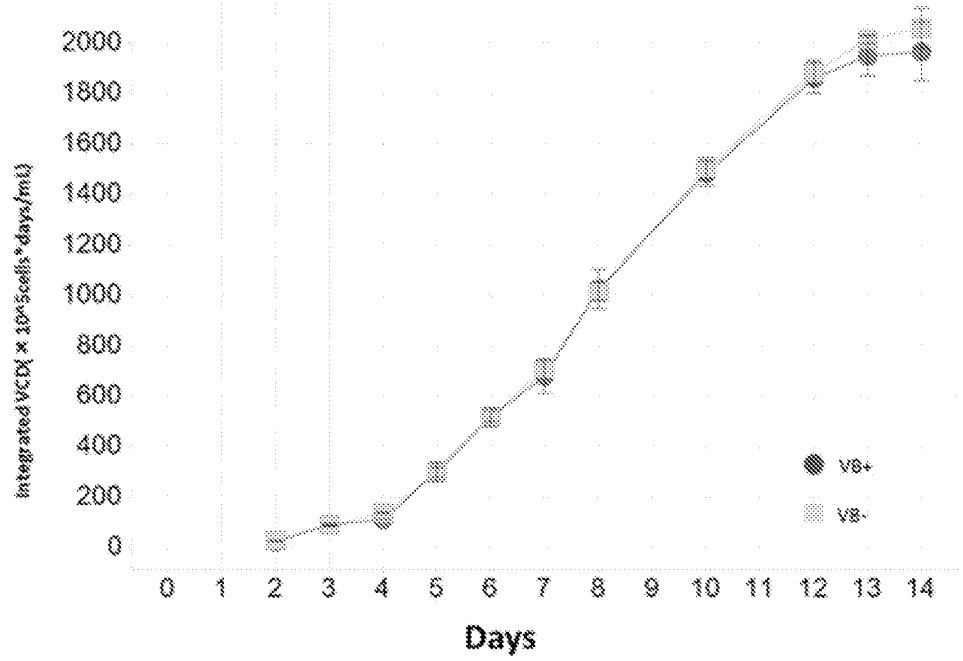
[図1]



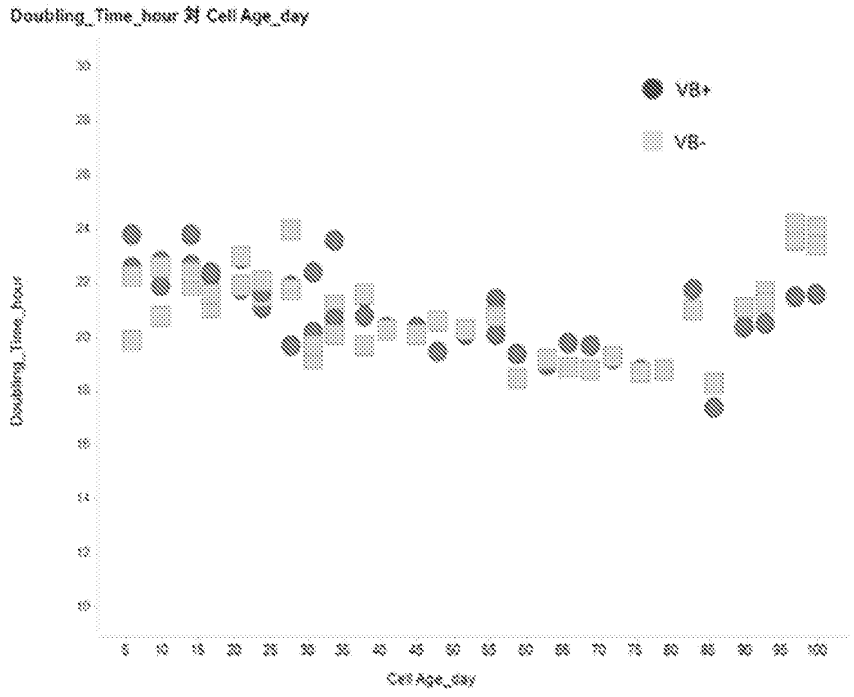
[図2]



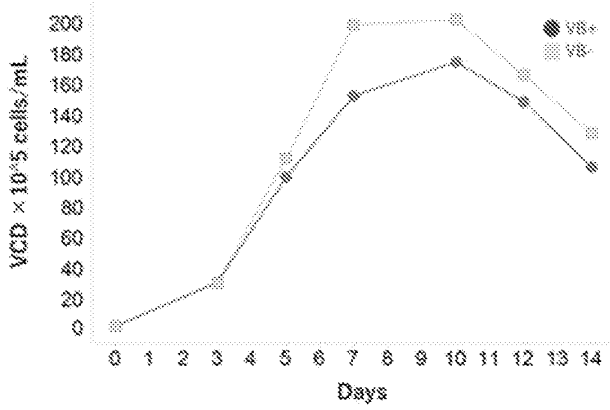
[図3]


Integrated VCD[× 10^5cells*days/mL]
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days
V8+
V8-

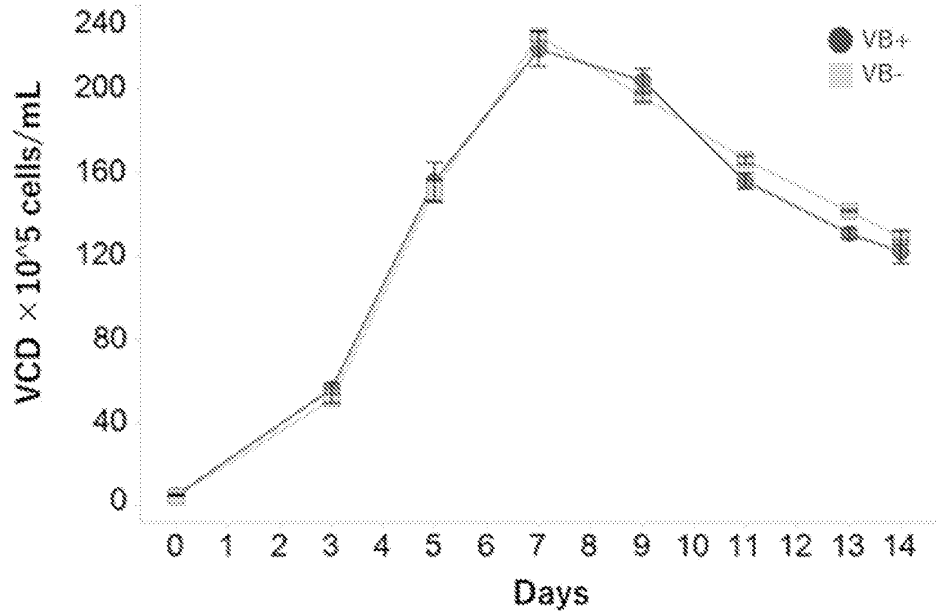
[図4]


Doubling_Time_hour 対 Cell Age_day
Doubling_Time_hour
Cell Age_day
V8+
V8-

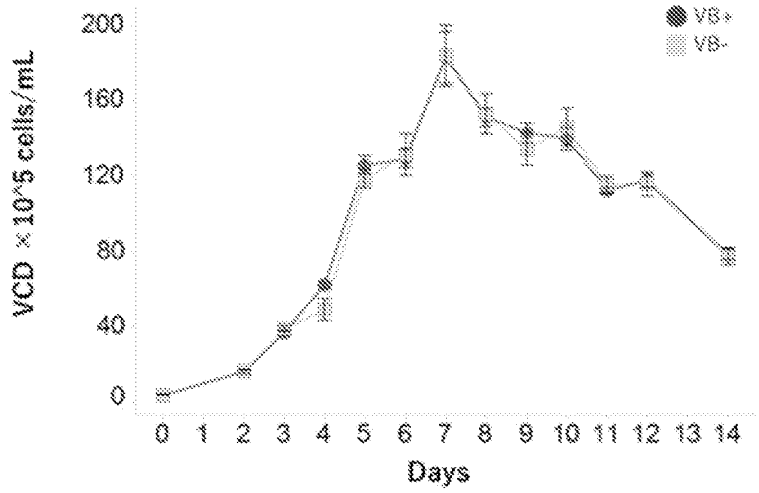
[図5]


VB+
VB-
VCD × 10^5 cells/mL
0
20
40
60
80
100
120
140
160
180
200
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days

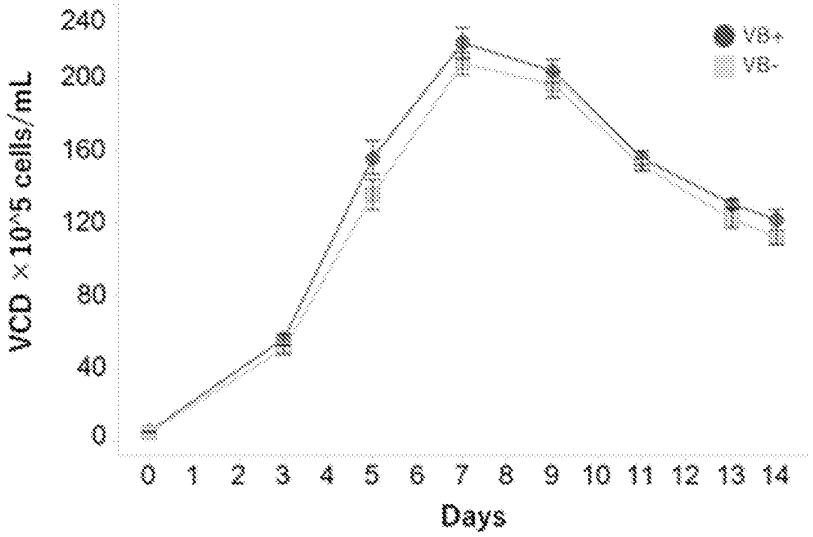
[図6]


VB+
VB-
VCD × 10^5 cells/mL
0
40
80
120
160
200
240
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days

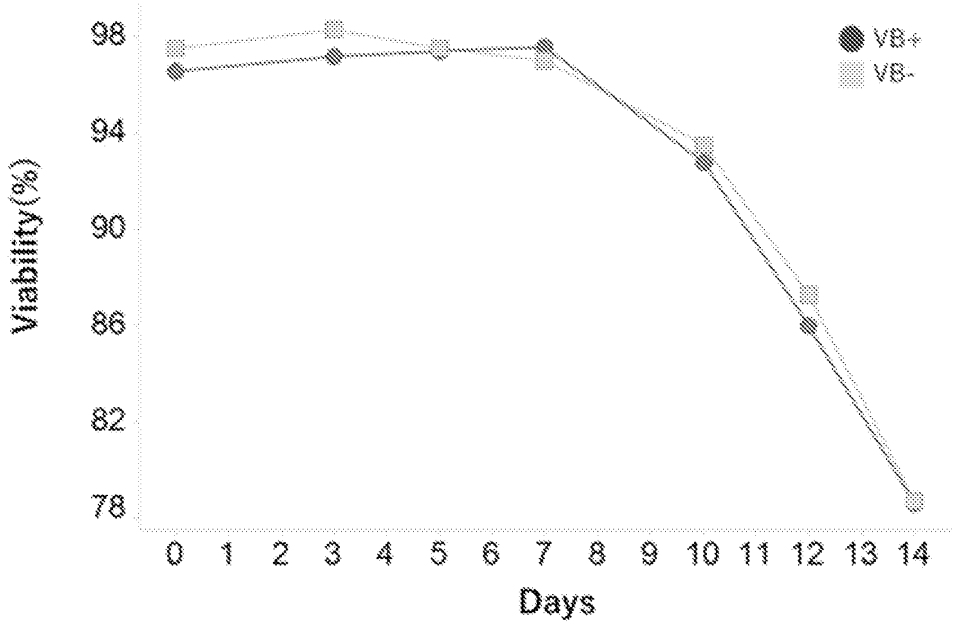
[図7]


VB+
VB-
VCD × 10^5 cells/mL
0
40
80
120
160
200
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days

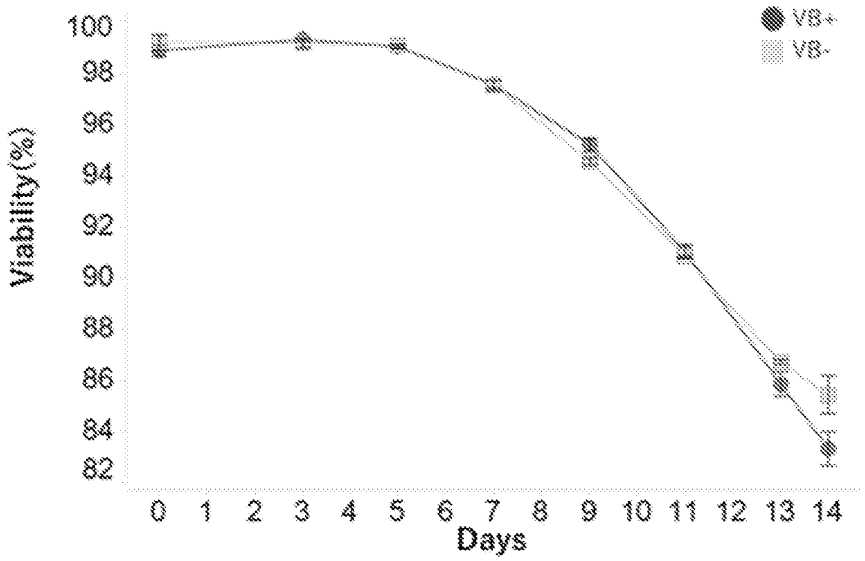
[図8]


VCD ×10^5 cells/mL
240
200
160
120
80
40
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days
VB+
VB-

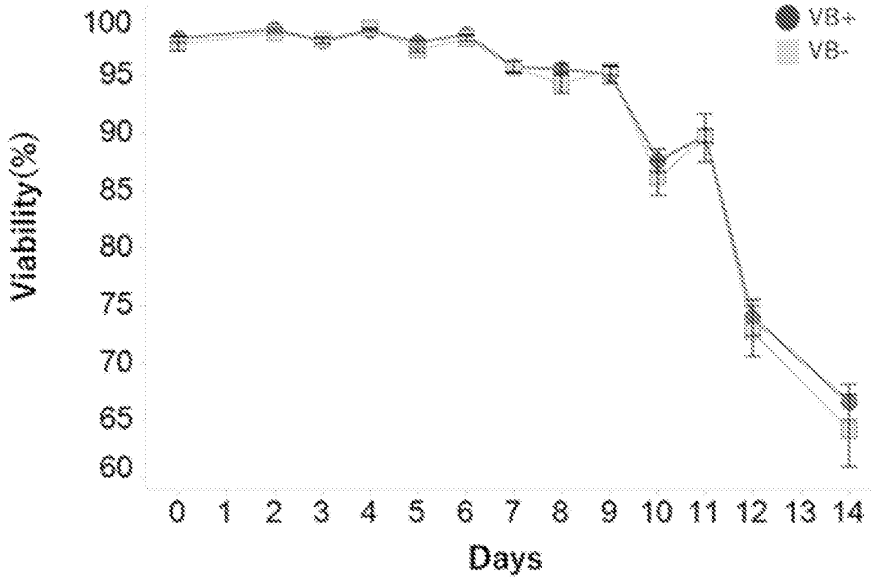
[図9]


Viability(%)
98
94
90
86
82
78
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days
VB+
VB-

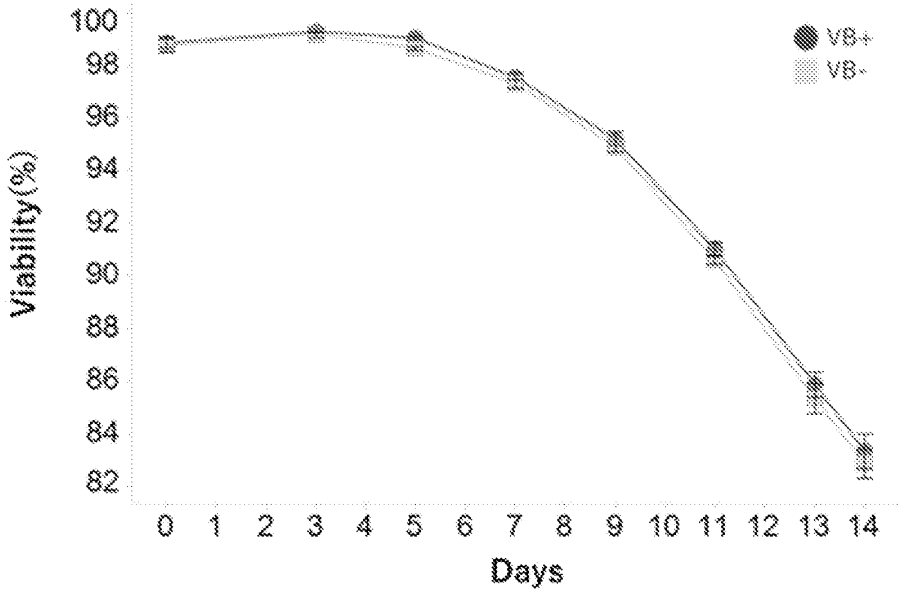
[図10]


V8+
V8-
Viability(%)
100
98
96
94
92
90
88
86
84
82
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days

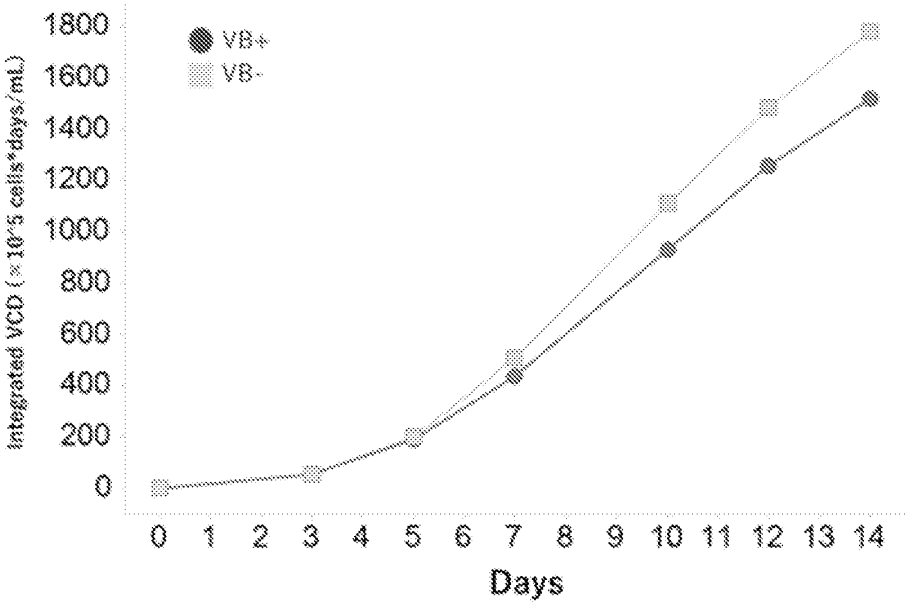
[図11]


V8+
V8-
Viability(%)
100
95
90
85
80
75
70
65
60
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days

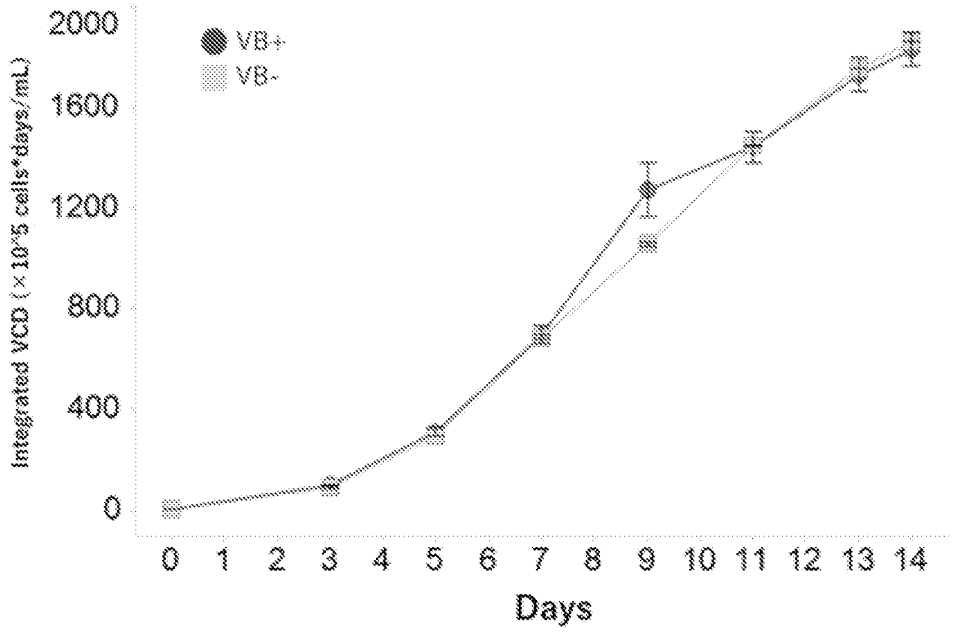
[図12]


Viability(%)
100
98
96
94
92
90
88
86
84
82
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days
VB+
VB-

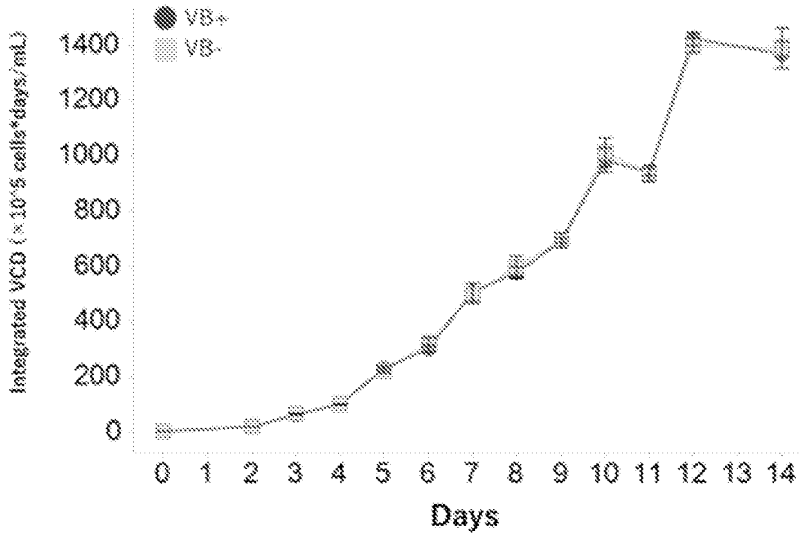
[図13]


Integrated VCD (×10^5 cells*days/mL)
1800
1600
1400
1200
1000
800
600
400
200
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days
VB+
VB-

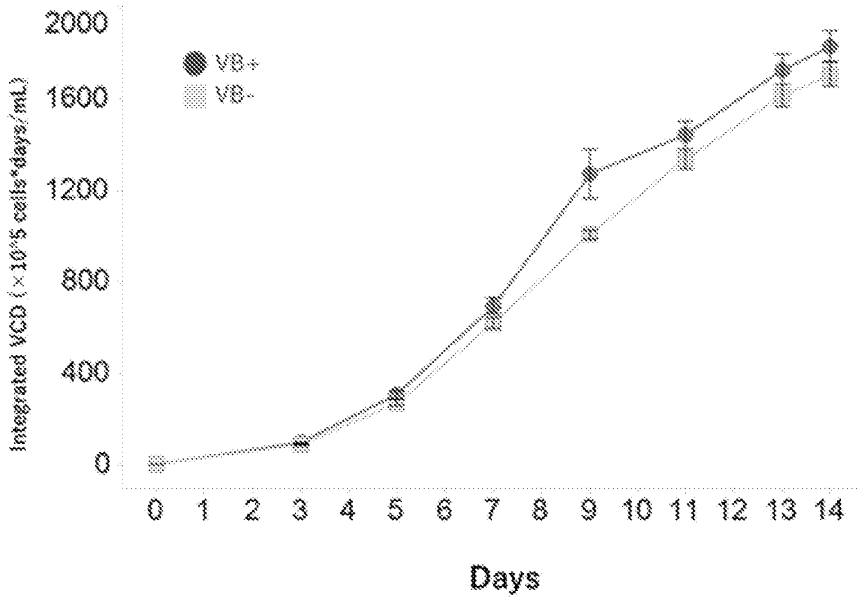
[図14]


VB+
VB-
Integrated VCD (×10^5 cells*days/mL)
2000
1600
1200
800
400
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days

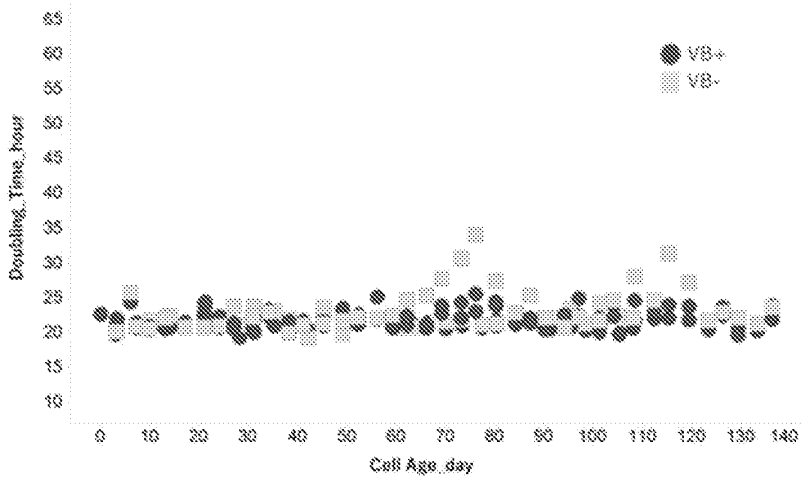
[図15]


VB+
VB-
Integrated VCD (×10^5 cells*days/mL)
1400
1200
1000
800
600
400
200
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days

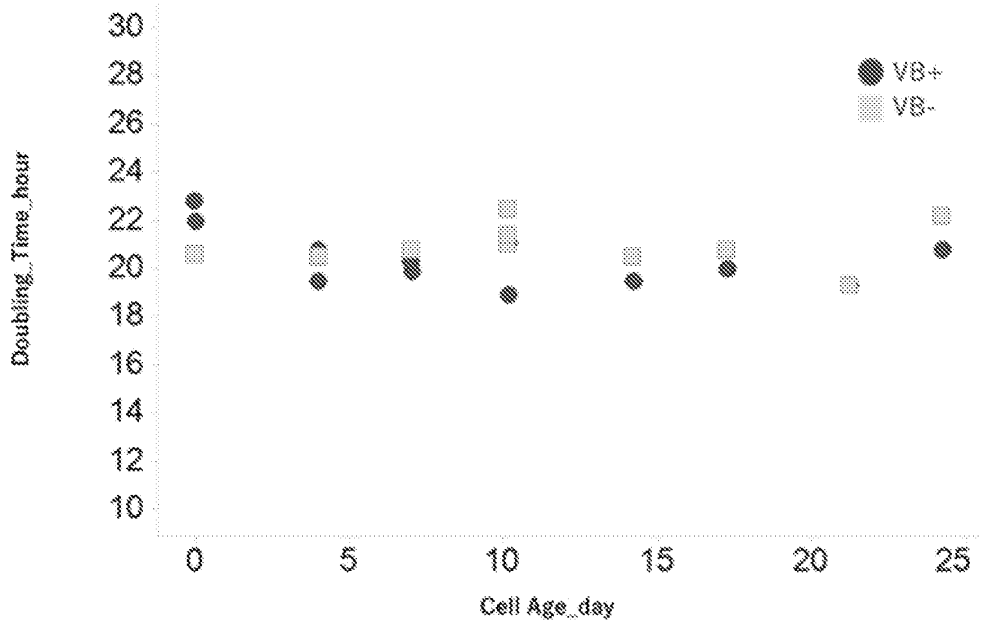
[図16]


2000
1600
1200
800
400
0
VB+
VB-
Integrated VCD (×10^5 cells*days/mL)
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Days

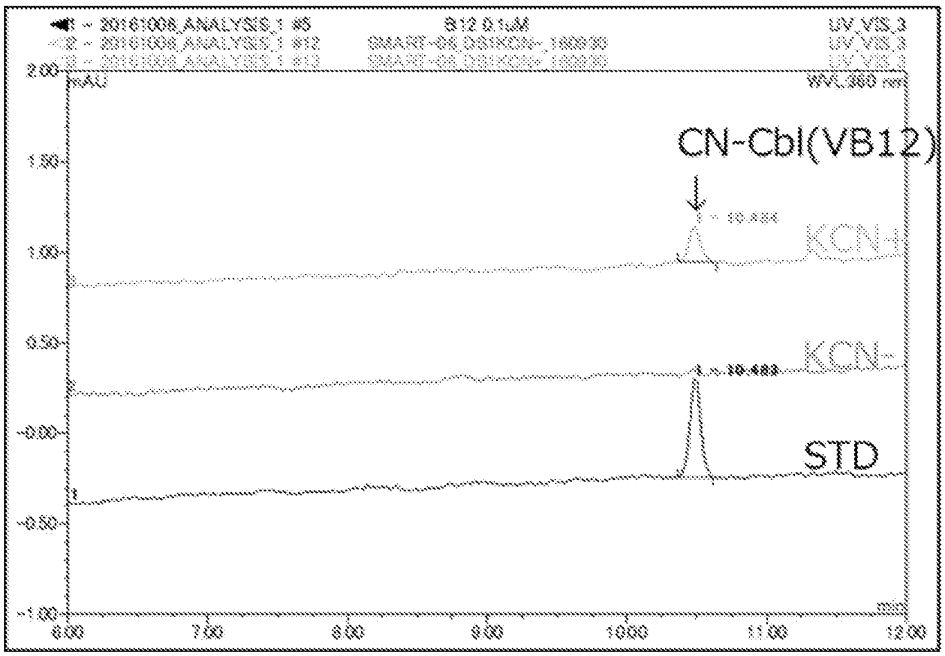
[図17]


VB+
VB-
Doubling_Time_hour
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140
Cell Age_day

[図18]


Doubling_Time_hour
Cell Age_day
VB+
VB-
30
28
26
24
22
20
18
16
14
12
10
0
5
10
15
20
25

[図19]


mAU
WVL:360 nm
CN-Cbl(VB12)
KCN+
KCN-
STD
2.00
1.50
1.00
0.50
-0.00
-0.50
-1.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00