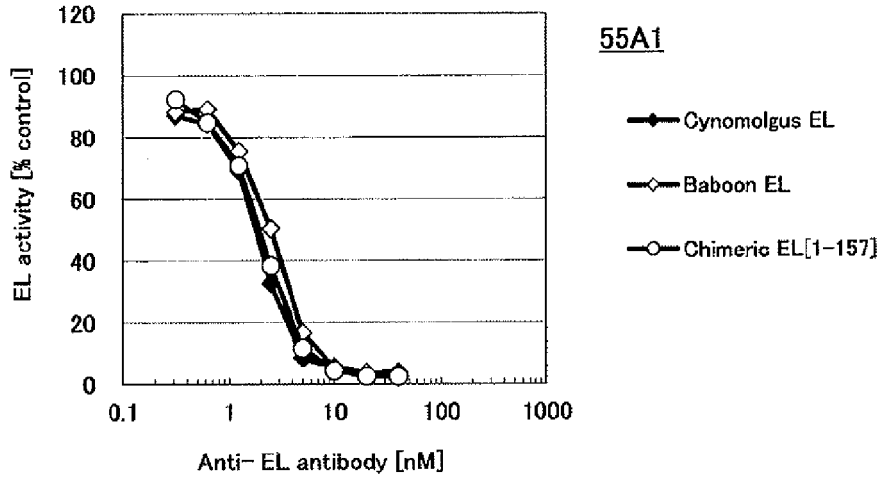
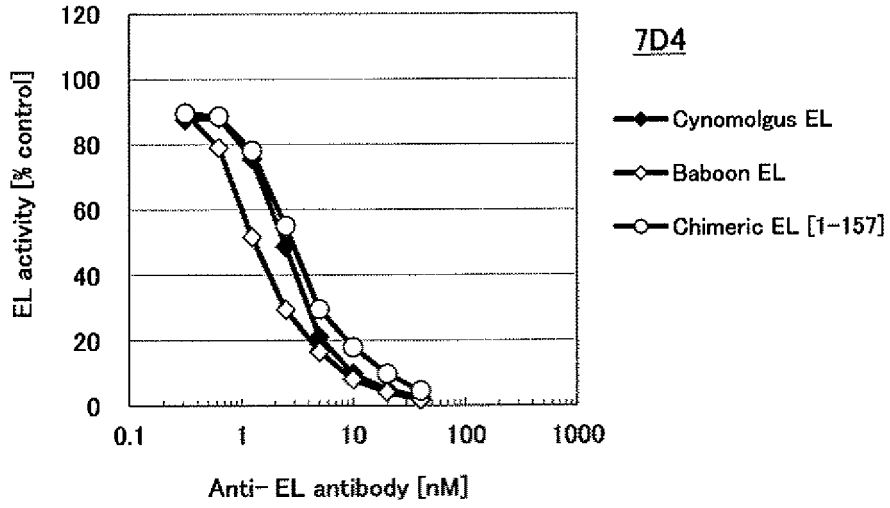
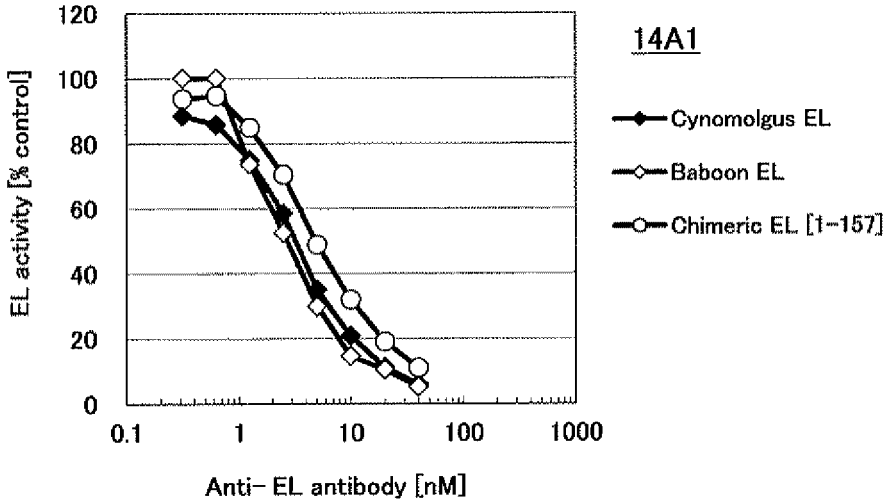
[図1A]


55A1
Cynomolgus EL
Baboon EL
Chimeric EL[1-157]
EL activity [% control]
Anti- EL antibody [nM]
120
100
80
60
40
20
0
0.1
1
10
100
1000

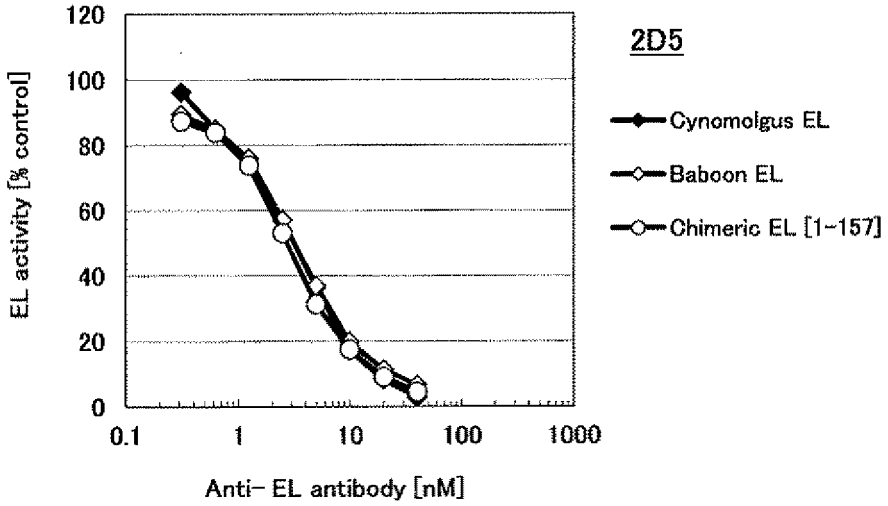
[図1B]


7D4
Cynomolgus EL
Baboon EL
Chimeric EL [1-157]
EL activity [% control]
Anti- EL antibody [nM]
120
100
80
60
40
20
0
0.1
1
10
100
1000

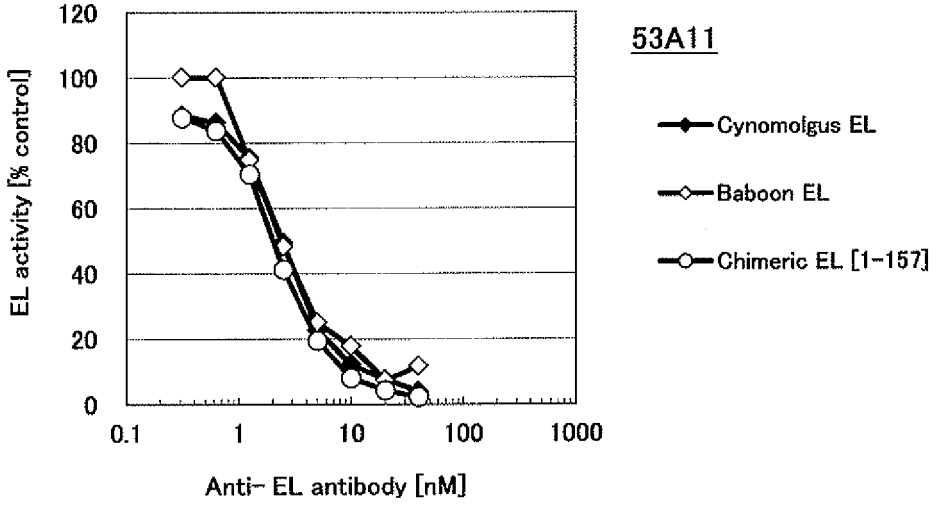
[図1C]


14A1
Cynomolgus EL
Baboon EL
Chimeric EL [1-157]
EL activity [% control]
Anti- EL antibody [nM]
120
100
80
60
40
20
0
0.1
1
10
100
1000

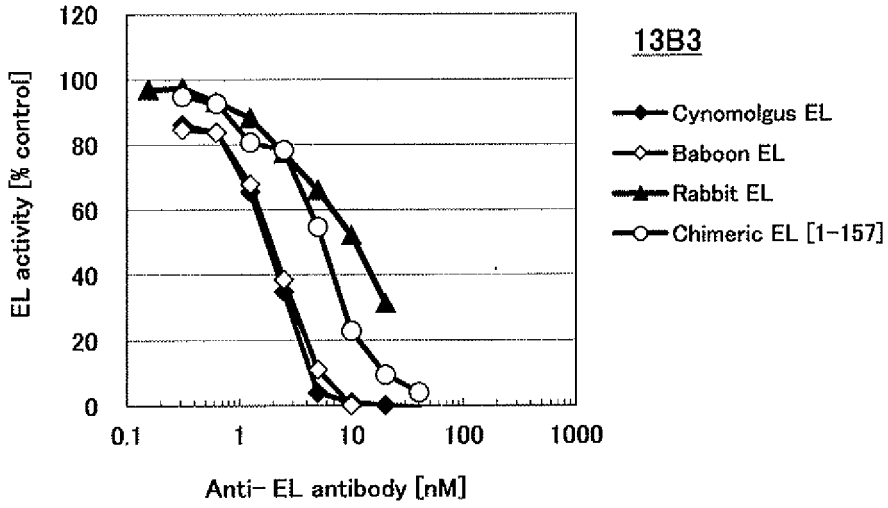
[図1D]


120
100
80
60
40
20
0
EL activity [% control]
0.1
1
10
100
1000
Anti- EL antibody [nM]
2D5
Cynomolgus EL
Baboon EL
Chimeric EL [1-157]

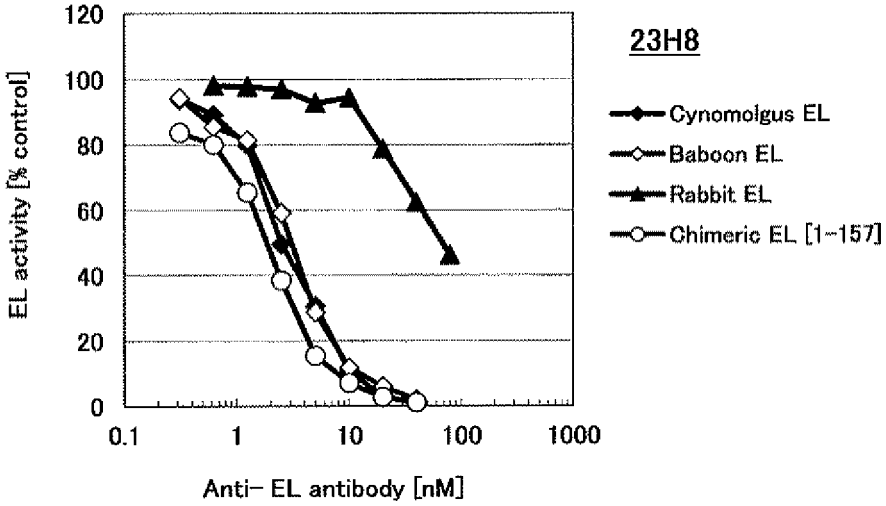
[図1E]


120
100
80
60
40
20
0
EL activity [% control]
0.1
1
10
100
1000
Anti- EL antibody [nM]
53A11
Cynomolgus EL
Baboon EL
Chimeric EL [1-157]

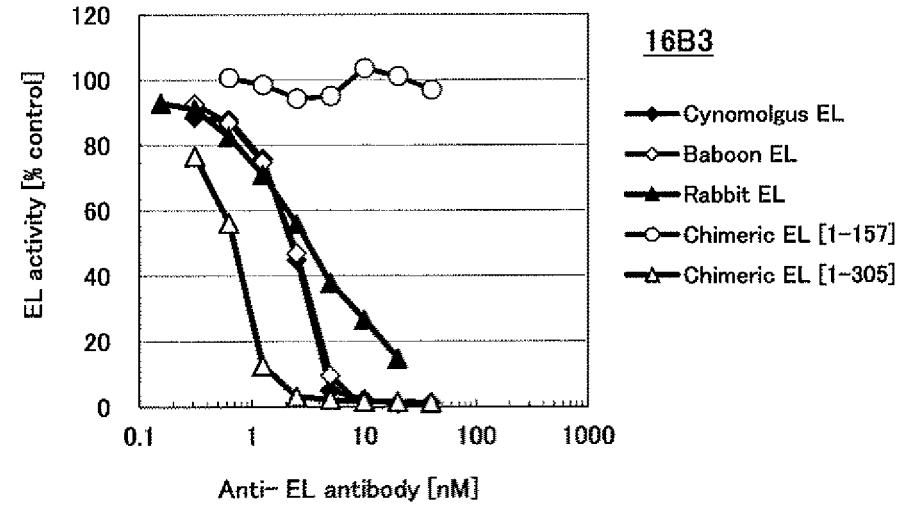
[図1F]


120
100
80
60
40
20
0
EL activity [% control]
0.1
1
10
100
1000
Anti- EL antibody [nM]
13B3
Cynomolgus EL
Baboon EL
Rabbit EL
Chimeric EL [1-157]

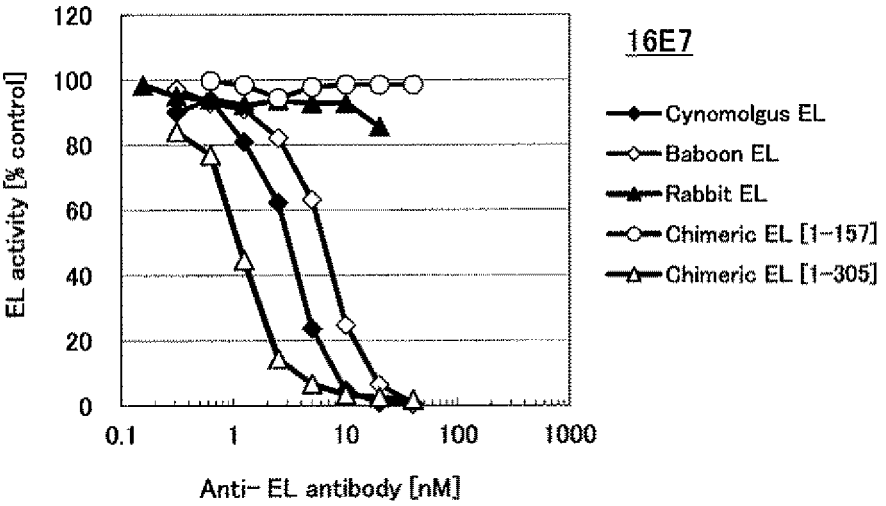
[図1G]


23H8
Cynomolgus EL
Baboon EL
Rabbit EL
Chimeric EL [1-157]
EL activity [% control]
120
100
80
60
40
20
0
0.1
1
10
100
1000
Anti- EL antibody [nM]

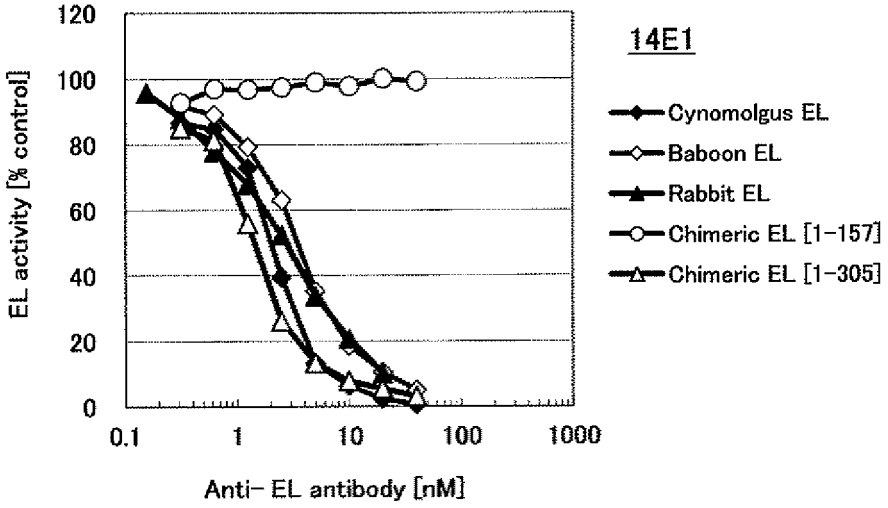
[図1H]


16B3
Cynomolgus EL
Baboon EL
Rabbit EL
Chimeric EL [1-157]
Chimeric EL [1-305]
EL activity [% control]
120
100
80
60
40
20
0
0.1
1
10
100
1000
Anti- EL antibody [nM]

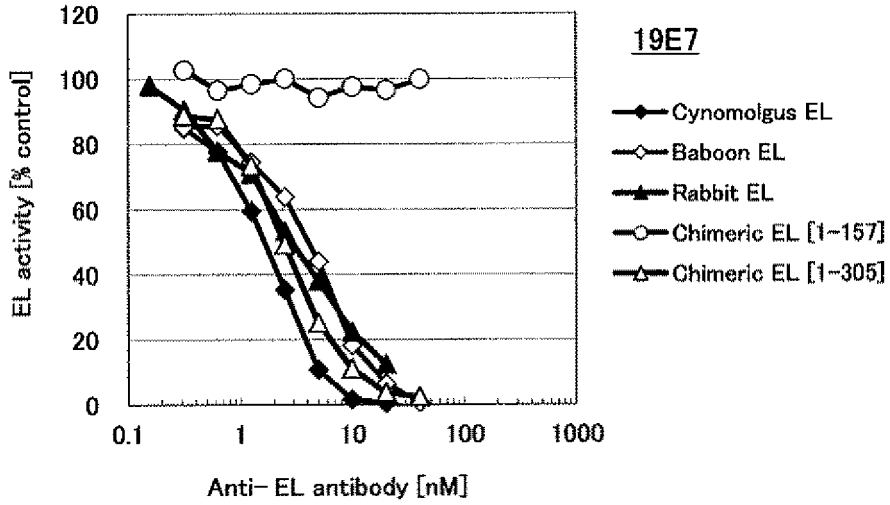
[図1I]


16E7
Cynomolgus EL
Baboon EL
Rabbit EL
Chimeric EL [1-157]
Chimeric EL [1-305]
EL activity [% control]
120
100
80
60
40
20
0
0.1
1
10
100
1000
Anti- EL antibody [nM]

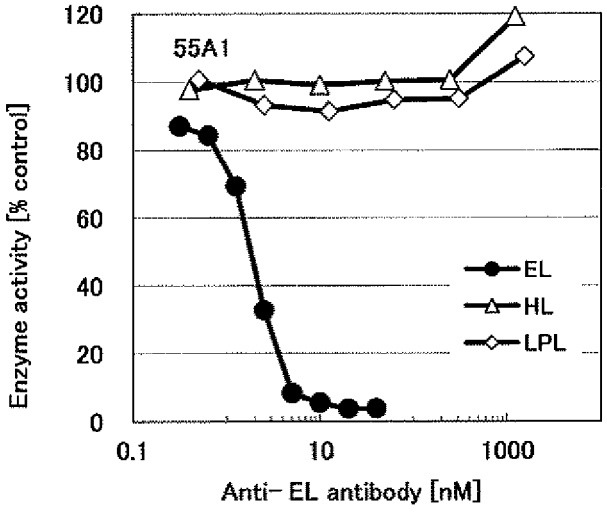
[図1J]


14E1
EL activity [% control]
120
100
80
60
40
20
0
0.1
1
10
100
1000
Anti- EL antibody [nM]
Cynomolgus EL
Baboon EL
Rabbit EL
Chimeric EL [1-157]
Chimeric EL [1-305]

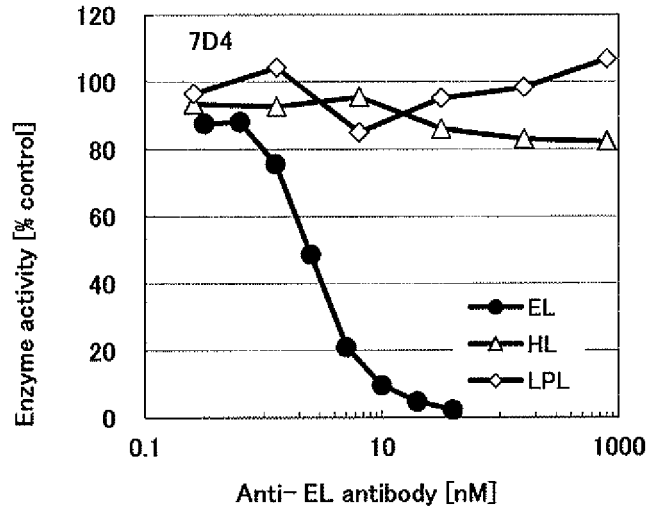
[図1K]


19E7
EL activity [% control]
120
100
80
60
40
20
0
0.1
1
10
100
1000
Anti- EL antibody [nM]
Cynomolgus EL
Baboon EL
Rabbit EL
Chimeric EL [1-157]
Chimeric EL [1-305]

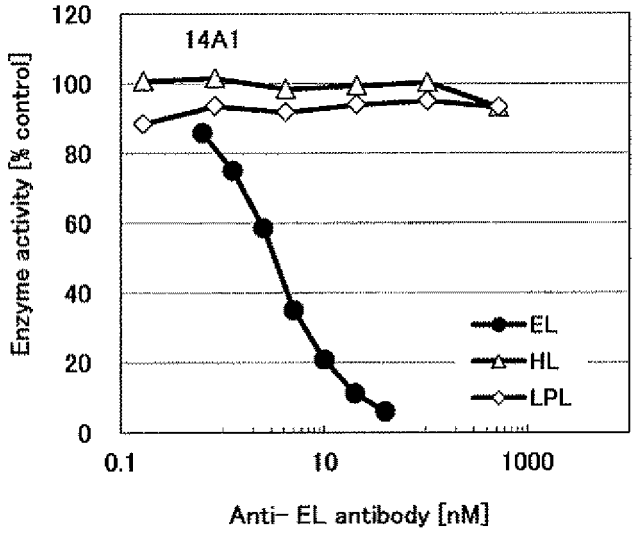
[図2A]


55A1
Enzyme activity [% control]
120
100
80
60
40
20
0
0.1
10
1000
Anti- EL antibody [nM]
EL
HL
LPL

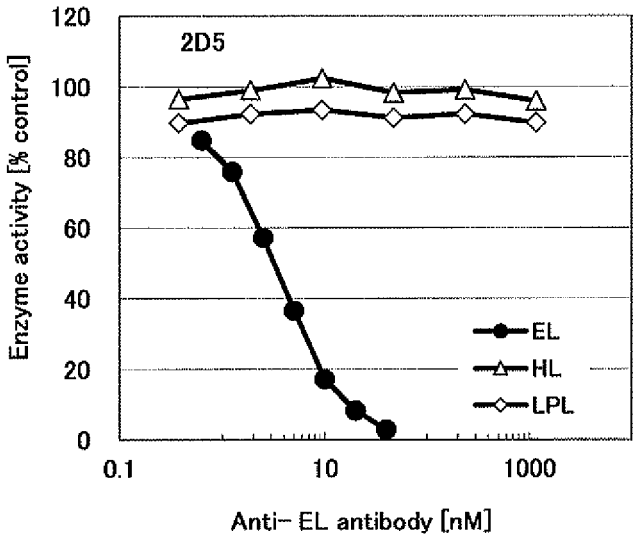
[図2B]


7D4
120
100
80
60
40
20
0
Enzyme activity [% control]
EL
HL
LPL
0.1
10
1000
Anti- EL antibody [nM]

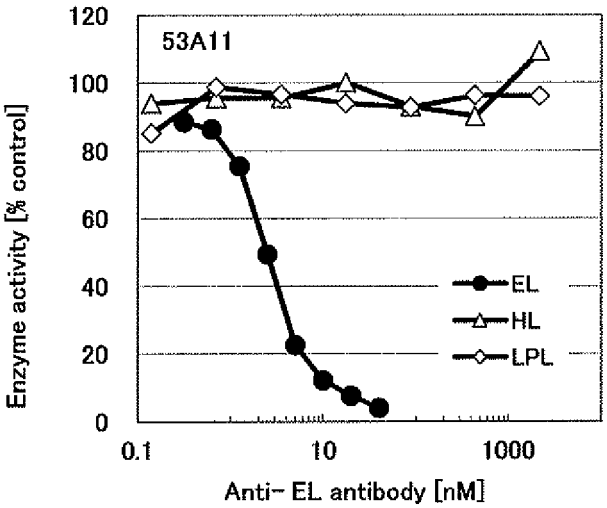
[図2C]


14A1
120
100
80
60
40
20
0
Enzyme activity [% control]
EL
HL
LPL
0.1
10
1000
Anti- EL antibody [nM]

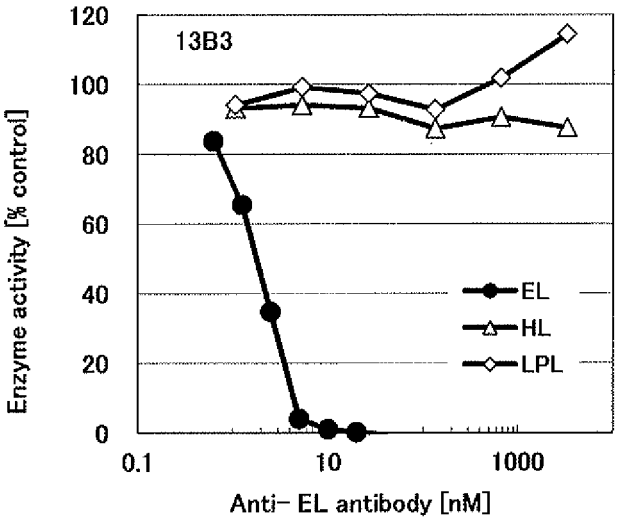
[図2D]


2D5
120
100
80
60
40
20
0
Enzyme activity [% control]
EL
HL
LPL
0.1
10
1000
Anti- EL antibody [nM]

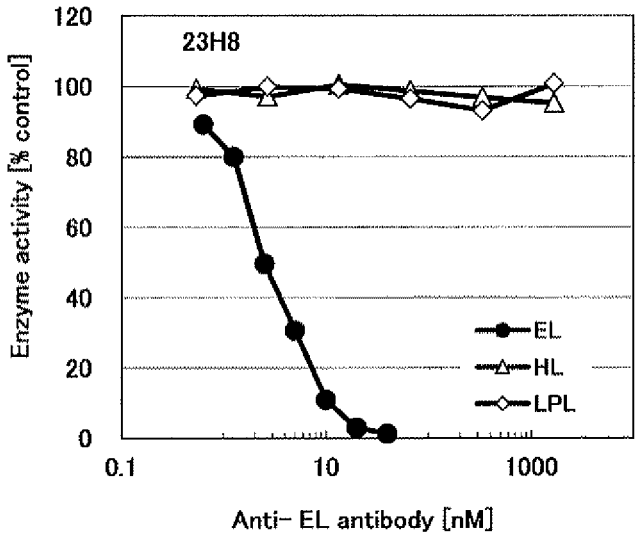
[図2E]


53A11
Enzyme activity [% control]
120
100
80
60
40
20
0
0.1
10
1000
Anti- EL antibody [nM]
EL
HL
LPL

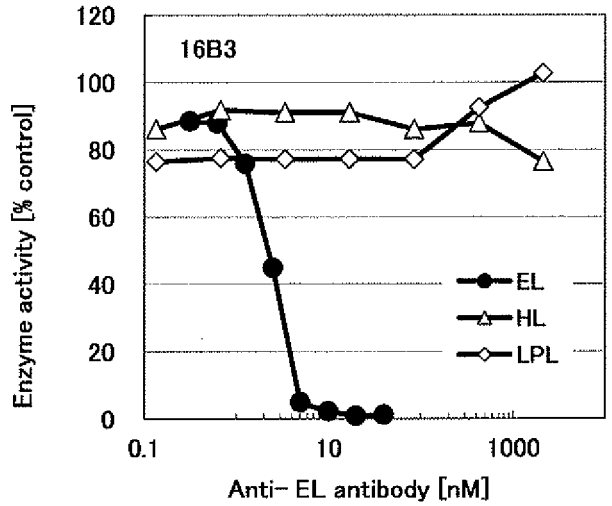
[図2F]


13B3
Enzyme activity [% control]
120
100
80
60
40
20
0
0.1
10
1000
Anti- EL antibody [nM]
EL
HL
LPL

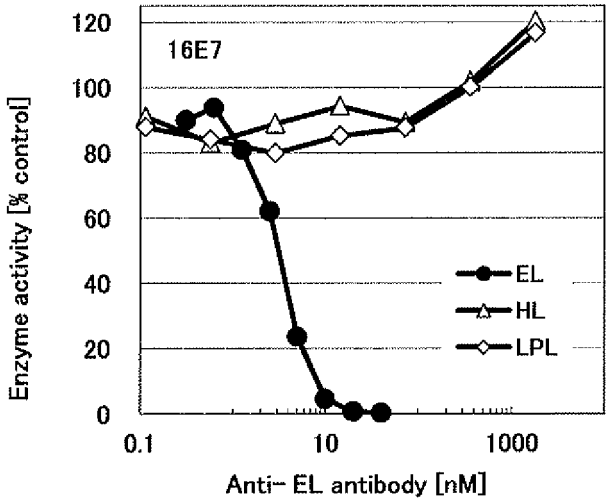
[図2G]


23H8
Enzyme activity [% control]
120
100
80
60
40
20
0
0.1
10
1000
Anti- EL antibody [nM]
EL
HL
LPL

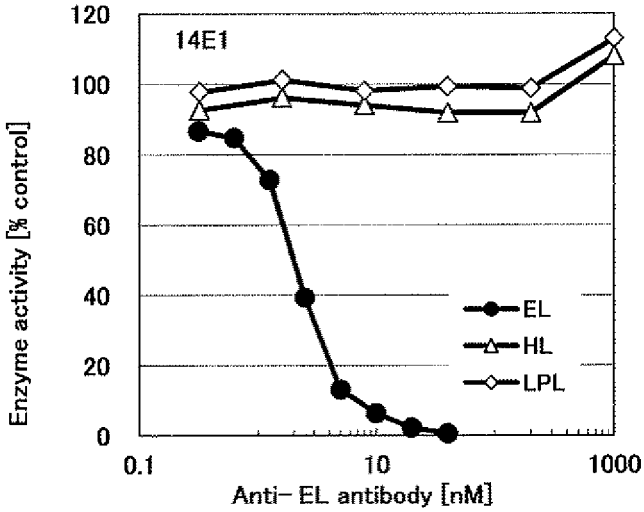
[図2H]


16B3
Enzyme activity [% control]
120
100
80
60
40
20
0
0.1
10
1000
Anti- EL antibody [nM]
EL
HL
LPL

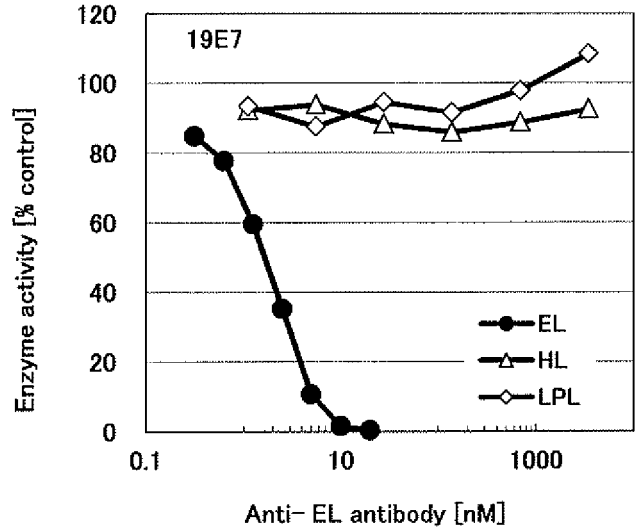
[図2I]


16E7
Enzyme activity [% control]
120
100
80
60
40
20
0
0.1
10
1000
Anti- EL antibody [nM]
EL
HL
LPL

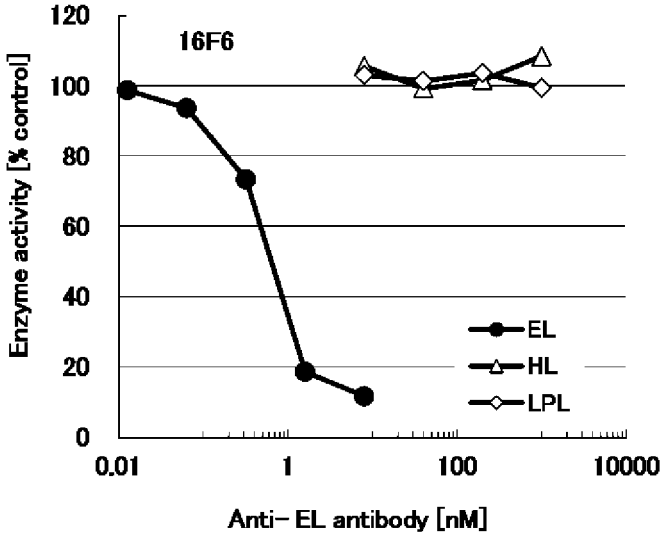
[図2J]


14E1
Enzyme activity [% control]
120
100
80
60
40
20
0
0.1
10
1000
Anti- EL antibody [nM]
EL
HL
LPL

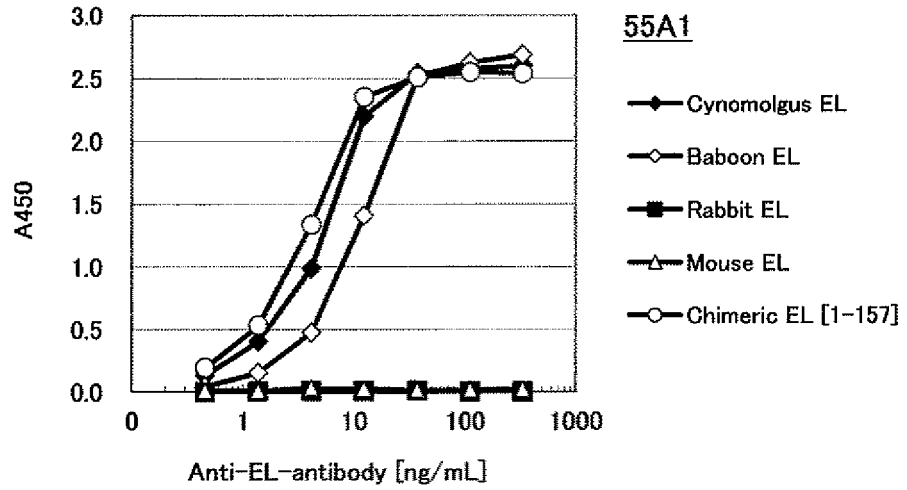
[図2K]


19E7
Enzyme activity [% control]
120
100
80
60
40
20
0
0.1
10
1000
EL
HL
LPL
Anti- EL antibody [nM]

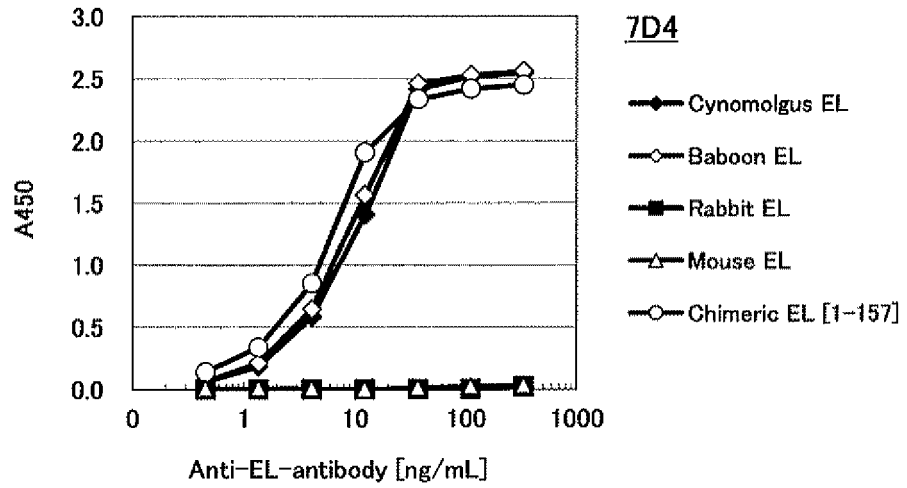
[図2L]


16F6
Enzyme activity [% control]
120
100
80
60
40
20
0
0.01
1
100
10000
EL
HL
LPL
Anti- EL antibody [nM]

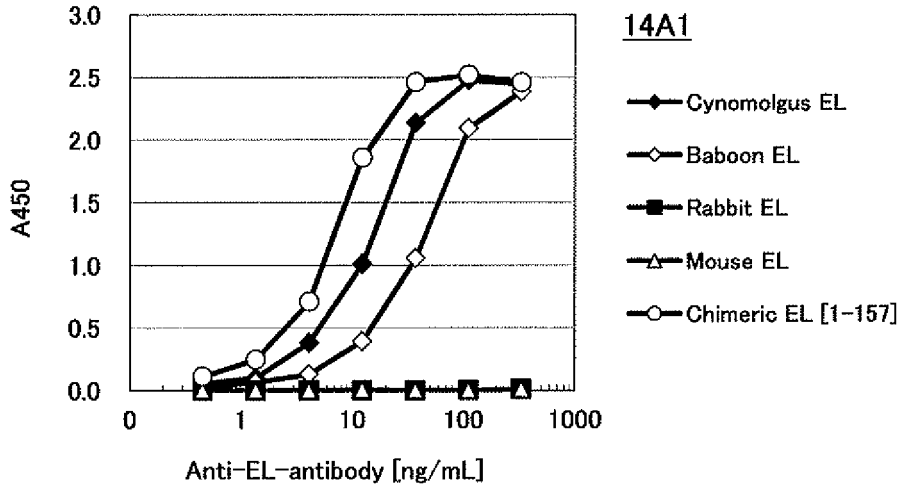
[図3A]


55A1
A450
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
10
100
1000
Anti-EL-antibody [ng/mL]
Cynomolgus EL
Baboon EL
Rabbit EL
Mouse EL
Chimeric EL [1-157]

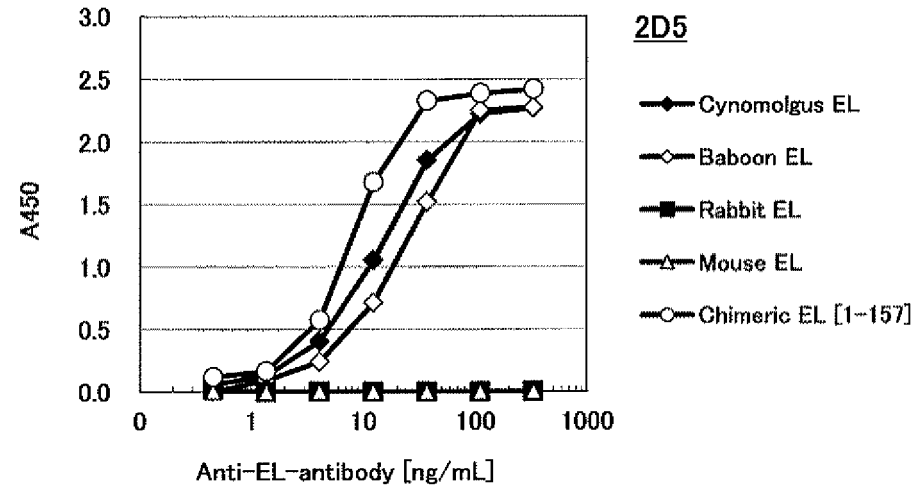
[図3B]


7D4
A450
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
10
100
1000
Anti-EL-antibody [ng/mL]
Cynomolgus EL
Baboon EL
Rabbit EL
Mouse EL
Chimeric EL [1-157]

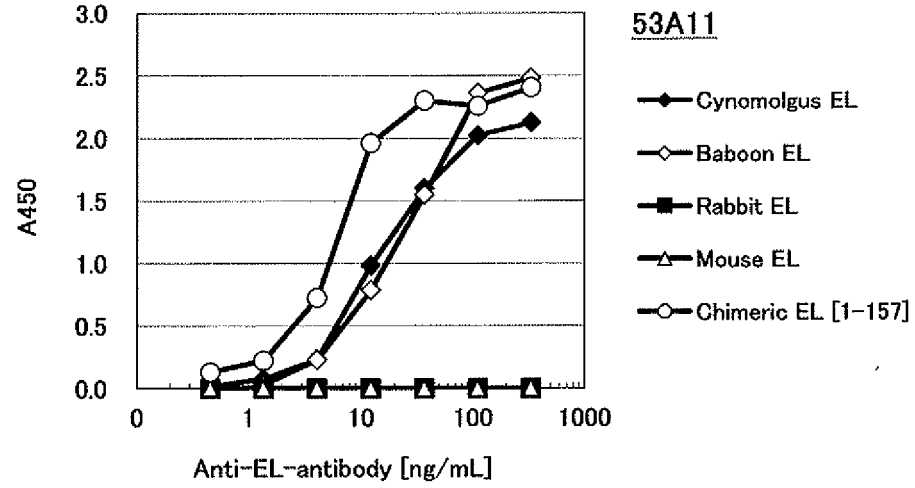
[図3C]


14A1
A450
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
10
100
1000
Anti-EL-antibody [ng/mL]
Cynomolgus EL
Baboon EL
Rabbit EL
Mouse EL
Chimeric EL [1-157]

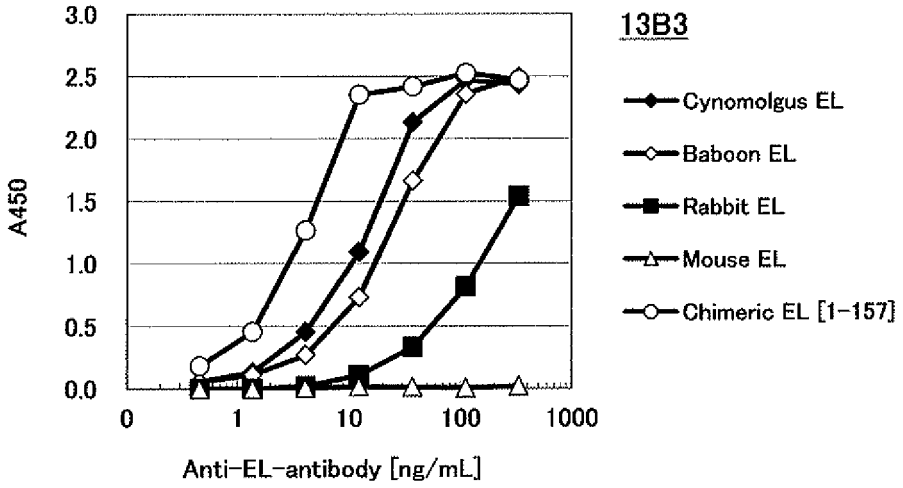
[図3D]


2D5
A450
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
10
100
1000
Anti-EL-antibody [ng/mL]
Cynomolgus EL
Baboon EL
Rabbit EL
Mouse EL
Chimeric EL [1-157]

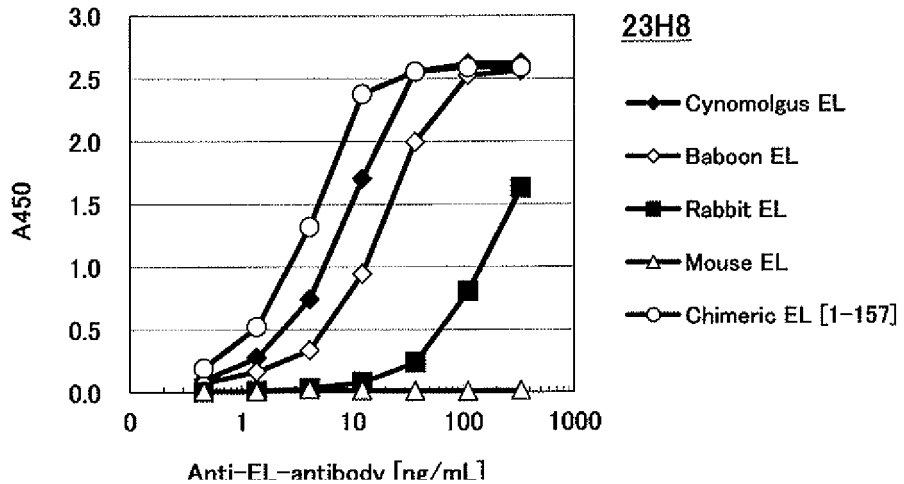
[図3E]


53A11
A450
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
10
100
1000
Anti-EL-antibody [ng/mL]
Cynomolgus EL
Baboon EL
Rabbit EL
Mouse EL
Chimeric EL [1-157]

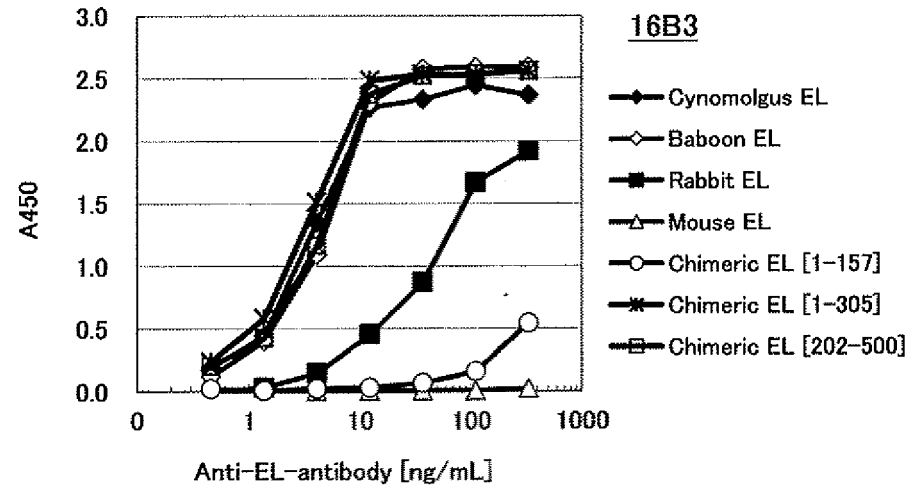
[図3F]


13B3
A450
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
10
100
1000
Anti-EL-antibody [ng/mL]
Cynomolgus EL
Baboon EL
Rabbit EL
Mouse EL
Chimeric EL [1-157]

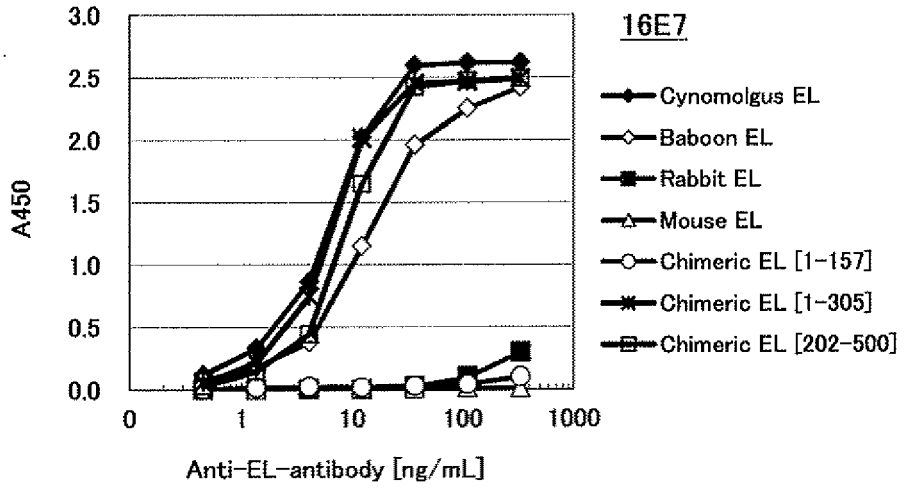
[図3G]


23H8
A450
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
10
100
1000
Anti-EL-antibody [ng/mL]
Cynomolgus EL
Baboon EL
Rabbit EL
Mouse EL
Chimeric EL [1-157]

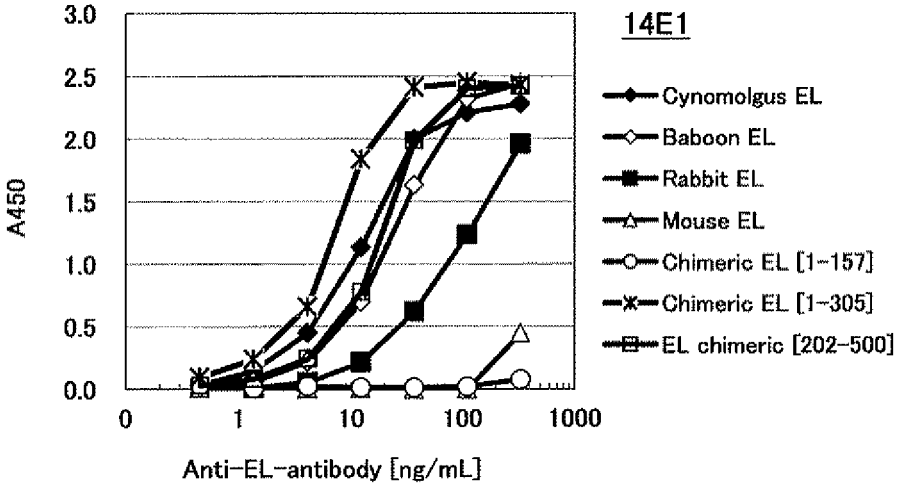
[図3H]


16B3
A450
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
10
100
1000
Anti-EL-antibody [ng/mL]
Cynomolgus EL
Baboon EL
Rabbit EL
Mouse EL
Chimeric EL [1-157]
Chimeric EL [1-305]
Chimeric EL [202-500]

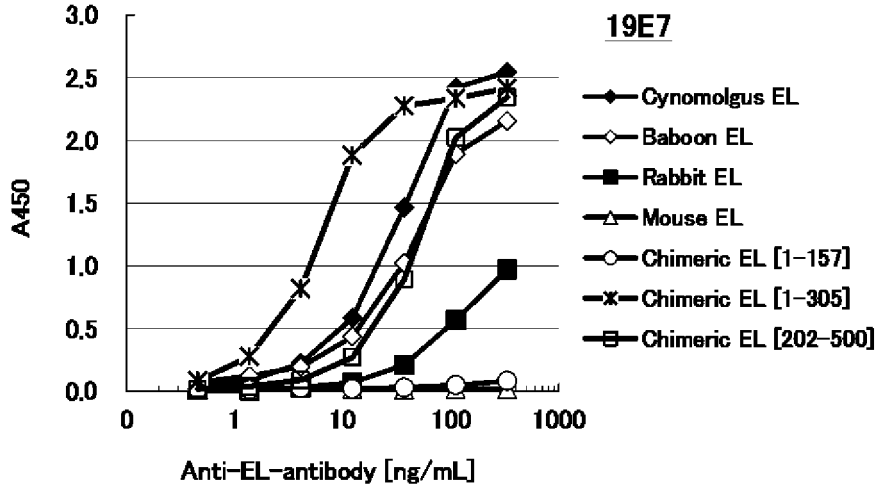
[図3I]


16E7
A450
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
10
100
1000
Anti-EL-antibody [ng/mL]
Cynomolgus EL
Baboon EL
Rabbit EL
Mouse EL
Chimeric EL [1-157]
Chimeric EL [1-305]
Chimeric EL [202-500]

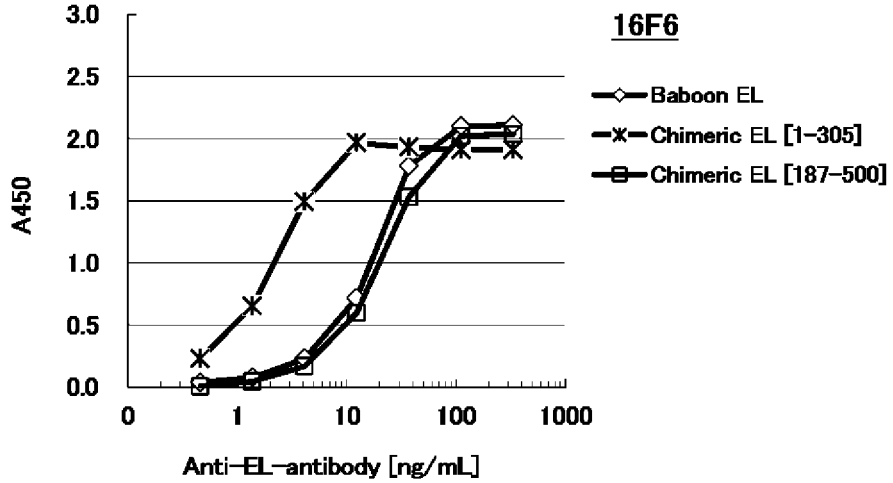
[図3J]


14E1
A450
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
10
100
1000
Anti-EL-antibody [ng/mL]
Cynomolgus EL
Baboon EL
Rabbit EL
Mouse EL
Chimeric EL [1-157]
Chimeric EL [1-305]
EL chimeric [202-500]

[図3K]



[図3L]



[図4A]

Heavy chain of 55A1

CDR1 CDR2

QIHLVQSGPELKKPGETVKISCKASGYTFTNYGMNWVKQAPGKGLKWMGWINTYSGVPTYAGDF

KGRFAFSLETSASTAYLQINNLKNEDTATYFCARRGYYGRRYFDVWGTGTTVTVSS

CDR3

Light chain of 55A1

CDR1 CDR2

DIVLTQSPASLAVSLGQRATISCKASQSVDYDVDSYMHWYQQKPGQPPKLLIYAASNLASGI

PARFSGGGSGTDFTLNIHPVEEEDVATYYCQQTIEDPPTFGGGTKLEIK

CDR3

[図4B]

Heavy chain of 7D4

CDR1 CDR2

QIQLVQSGPELKKPGETVKISCKASGYTFTNYGMNWVKQAPGKDLKWMGWINTYSGVPTYADDF

KGRFAFSLETSASTAYLQINNLKNEDTATYFCARFSYYGRHYFDYWGQGTTLTVSS

CDR3

Light chain of 7D4

CDR1 CDR2

DIVLTQSPASLAVSLGQRATISCKASQSVDYDGDSYMNWYQQKPGQPPQLLIYAASNLGSGI

PARFSGSGSGTDFTLNIHPVEEEDAATYYCHQSTDDPPWTFGGGTKLEIK

CDR3

[図4C]

Heavy chain of 14A1

CDR1 CDR2

QIQLVQSGPELKKPGETVKISCKASGYTFTNYGMNWVKQAPGKGLKWMGWINTYSGVPTYADDF

KGRFAFSLETSASTAYLQINNFKNEDTATYFCARFSYYGRHYFDYWGQGTALTASS

CDR3

Light chain of 14A1

CDR1 CDR2

DIVLTQSPASLAVSLGQRATISCKASQSVDYDGDSYMNWYQQKPGQPPKLLIYAASNLKSGI

PARFSGSGSGTDFTLNIHPVEEEDAATYYCQQTTDDPPWTFGGGTKLEIK

CDR3

[図4D]

Heavy chain of 2D5

CDR1 CDR2

QIQLVQSGPELKKPGETVKISCKASGYTFTNYGMNWVKQAPGKGLKWMGWINTYSGVPTYTDDF

KGRFAFSLETSASTAFLQINNLKNEDTATYFCARFSYYGRHYFDYWGQGTTLTVSS

CDR3

Light chain of 2D5

CDR1 CDR2

DIVLTQSPASLAVSLGQRATISCKASQSVDYDGDSYMHWYQQKPGQPPKLLIYAASNLESGI

PARFSGSGSGTDFTLNIHPVEEEDAATYYCQQTNDDPPWTFGGGTKLEIK

CDR3

[図4E]

Heavy chain of 53A11

CDR1 CDR2

EVQLQQSGPELLKPGASVKISCKASGYTFTDYTMHWVKQSHGKSLEWIGGINPYYGGTTYNEKF

KDKATLTVDKSSSTAYMELRSLTSEDSAVYYCAKGDYYGGSYNYWGQGTTLTVSS

CDR3

Light chain of 53A11

CDR1 CDR2

DIVLTQSLATLSVTPGDSVSLSCRASQDISNSLHWYQQKSHESPRLLIKYASQSISGIPSRF

SGSGSGTDFTLSINSVETEDFGMYFCQQSNSWPYTFGGGTKLEIK

CDR3

[図4F]

Heavy chain of 13B3

CDR1 CDR2

EVQLQQSGPELLKPGASVKISCKASGYTFTEYTMHWVKQSHGKSLEWIGSINPYYGGTSYNEKF

KDKATLTVDKSSNTAYMEFRSLTSEDCAVYYCARYGNYVGYFDYWGQGTTLTVSS

CDR3

Light chain of 13B3

CDR1 CDR2

ENVLTQSPAIMSASLGEKVTMSCRASSSVHYMYWYQQKSDASPKLWIYYTSNLAPGVPDRFS

GSGSGNSYSLTISSMEGEDAATYYCQQFTSSPYTFGGGTKLEIK

CDR3

[図4G]

Heavy chain of 23H8

CDR1 CDR2

EVQLQQSGPELLKPGASVKISCKASGYTFTDNTIHWVKQSHGKSLEWIGHINPYYGGTNNNEKF

KDKATLTVDKSSSTAYMELRSLTSEDSAIYYCARKGIYYSSPFDYWGQGTTLTVSS

CDR3

Light chain of 23H8

CDR1 CDR2

DIQMTQTTSSLSASLGDRVTISCRASQDINNYLNWYQQKPDGTVKLLISYTSKLHSGVPS

RFSGSGSGTDYSLTISNLEREDFATYFCQQGNTLPFTFGSGTNLEIK

CDR3

[図4H]

Heavy chain of 16B3

CDR1 CDR2

DVKLVESGGGLVQPGGSLKLSCTASGFTFSGYTMSWVRQTPEKRLELVAEISFARDRAFYPDTV
KGRFTISRDNAKNTLYLQMSSLKSEDTAMYYCTRLGGRNHDYWYFDVWGTGTTVTVSS

CDR3

Light chain of 16B3

CDR1 CDR2

DIVLTQSPTSLAVSPGQRATISCRASESVEYYGTSLMQWYQQKPGQRPQLLIYAASNVESGV
PARFSGSGSGTDFSLNIHPVEEDDIAVYFCQQSWKVPFTFGSGTKLEIK

CDR3

[図4I]

Heavy chain of 16E7

CDR1 CDR2

EVKLVESGGGLVQPGGSLKLSCAASGFTFSSYTMSWVRQTPEKRLELVAEISFTRSRAFYPDTV
KGRFTISRDNAKNTLYLQMSSLKSEDTAMYYCARLGGNNYDYWYFDVWGTGTTVTVSS

CDR3

Light chain of 16E7

CDR1 CDR2

DIVLTQSPTSLAVSLGQRATISCRASESVEYYGTSLMQWYQQKPGQRPKLLIYAASNVESGV
PARFSGSGSGTDFSLNIHPVEEDDIAMYFCQQSWKVPFTFGSGTKLEIK

CDR3

[図4J]

Heavy chain of 14E1

CDR1 CDR2

QVQLQQSGAELVKPGASVRLSCKASGYTFTKYTIHWVKQRSGQGLEWIGWFYPGSDSIKYNEKF
KDKATLTADKSSRTVYMELSRLTSEDSAVYFCARHEEYTNSLAYWGQGTLVTVSA

CDR3

Light chain of 14E1

CDR1 CDR2

DIQMTQTTSSLSASLGDRVTISCRASQDISNYLNWYQQQPDGTVKLLIYYTSRLHSGVPSRF
SGSGSGTDYSLTISNLEQEDIATYFCQQGYTLPWTFGGGTNLEIK

CDR3

[図4K]

Heavy chain of 19E7

CDR1 CDR2

QVQLQQPGSVLVRPGASVKLSCKASGYTFTTYWMHWVKQRPGQGLEWIGEIHPYSGNNNNNEKF

KGKATLTVDTSSSTAYVDLSRLTSEDSAVYYCARYDSNYVFAYWGQGTLVTVSA

CDR3

Light chain of 19E7

CDR1 CDR2

QIVLTQSPAIMSASPGEGVTITCSASSSVSYMHWFQQKPGTSPKLWIYSTSNLASGVPARFS

GSGSGTSYSLTISRMEAEDAATYYCQQRDSYLTFGSGTKLEVK

CDR3

[図4L]

Heavy chain of 16F6

CDR1 CDR2

QVQLQQSGAELMKPGASVKISCKATGYTFSTYWIAWVKQRPGHGLEWIGEILPGSAKTKYNKKF

KGKATFTADTSSNTAYMQLSSLTSEDSAVYYCAVYDYGADYWGQGTSVTVSS

CDR3

Light chain of 16F6

CDR1 CDR2

DIVMTQSHKFMSTSVGDRVSITCKASQDVYTAVAWYQQKPGQSPKLLIYSASYRFTGVPDRF

TGSGAGTEFTFTINSVQAEDLAVYYCQQHYSIPRTFGGGTKLEIK

CDR3

[図5A]

```
55A1    1:QIHLVQSGPELKKPGETVKISCKASGYTFTNYGMNWVKQAPGKGLKWMGWINTYSGVPTY 60
7D4     1:QIQLVQSGPELKKPGETVKISCKASGYTFTNYGMNWVKQAPGKDLKWMGWINTYSGVPTY 60
14A1    1:QIQLVQSGPELKKPGETVKISCKASGYTFTNYGMNWVKQAPGKGLKWMGWINTYSGVPTY 60
2D5     1:QIQLVQSGPELKKPGETVKISCKASGYTFTNYGMNWVKQAPGKGLKWMGWINTYSGVPTY 60

55A1   61:AGDFKGRFAFSLETSASTAYLQINNLKNEDTATYFCARRGYYGRRYFDVWGTGTTVTVSS 120
7D4    61:ADDFKGRFAFSLETSASTAYLQINNLKNEDTATYFCARFSYYGRHYFDYWGQGTTLTVSS 120
14A1   61:ADDFKGRFAFSLETSASTAYLQINNFKNEDTATYFCARFSYYGRHYFDYWGQGTALTASS 120
2D5    61:TDDFKGRFAFSLETSASTAFLQINNLKNEDTATYFCARFSYYGRHYFDYWGQGTTLTVSS 120
```

[図5B]

```
55A1    1:DIVLTQSPASLAVSLGQRATISCKASQSVDYDVDSYMHWYQQKPGQPPKLLIYAASNLAS 60
7D4     1:DIVLTQSPASLAVSLGQRATISCKASQSVDYDGDSYMNWYQQKPGQPPQLLIYAASNLGS 60
14A1    1:DIVLTQSPASLAVSLGQRATISCKASQSVDYDGDSYMNWYQQKPGQPPKLLIYAASNLKS 60
2D5     1:DIVLTQSPASLAVSLGQRATISCKASQSVDYDGDSYMHWYQQKPGQPPKLLIYAASNLES 60

55A1   61:GIPARFSGGGSGTDFTLNIHPVEEEDVATYYCQQTIEDPP-TFGGGTKLEIK       111
7D4    61:GIPARFSGSGSGTDFTLNIHPVEEEDAATYYCHQSTDDPPWTFGGGTKLEIK       112
14A1   61:GIPARFSGSGSGTDFTLNIHPVEEEDAATYYCQQTTDDPPWTFGGGTKLEIK       112
2D5    61:GIPARFSGSGSGTDFTLNIHPVEEEDAATYYCQQTNDDPPWTFGGGTKLEIK       112
```

[図5C]

```
53A11   1:EVQLQQSGPELLKPGASVKISCKASGYTFTDYTMHWVKQSHGKSLEWIGGINPYYGGTTY 60
13B3    1:EVQLQQSGPELLKPGASVKISCKASGYTFTEYTMHWVKQSHGKSLEWIGSINPYYGGTSY 60
23H8    1:EVQLQQSGPELLKPGASVKISCKASGYTFTDNTIHWVKQSHGKSLEWIGHINPYYGGTNN 60

53A11  61:NEKFKDKATLTVDKSSSTAYMELRSLTSEDSAVYYCAKGD-YYGGSYNYWGQGTTLTVSS 119
13B3   61:NEKFKDKATLTVDKSSNTAYMEFRSLTSEDCAVYYCARYG-NYVGYFDYWGQGTTLTVSS 119
23H8   61:NEKFKDKATLTVDKSSSTAYMELRSLTSEDSAIYYCARKGIYYSSPFDYWGQGTTLTVSS 120
```

[図5D]

```
53A11   1:DIVLTQSLATLSVTPGDSVSLSCRASQDISNSLHWYQQKSHESPRLLIKYASQSISGIPS 60
13B3    1:ENVLTQSPAIMSASLGEKVTMSCRASSSV-HYMYWYQQKSDASPKLWIYYTSNLAPGVPD 59
23H8    1:DIQMTQTTSSLSASLGDRVTISCRASQDINNYLNWYQQKPDGTVKLLISYTSKLHSGVPS 60

53A11  61:RFSGSGSGTDFTLSINSVETEDFGMYFCQQSNSWPYTFGGGTKLEIK            107
13B3   60:RFSGSGSGNSYSLTISSMEGEDAATYYCQQFTSSPYTFGGGTKLEIK            106
23H8   61:RFSGSGSGTDYSLTISNLEREDFATYFCQQGNTLPFTFGSGTNLEIK            107
```

[図6A]

```
16B3    1:DVKLVESGGGLVQPGGSLKLSCTASGFTFSGYTMSWVRQTPEKRLELVAEISFARDRAFY 60
16E7    1:EVKLVESGGGLVQPGGSLKLSCAASGFTFSSYTMSWVRQTPEKRLELVAEISFTRSRAFY 60

16B3   61:PDTVKGRFTISRDNAKNTLYLQMSSLKSEDTAMYYCTRLGGRNHDYWYFDVWGTGTTVTV 120
16E7   61:PDTVKGRFTISRDNAKNTLYLQMSSLKSEDTAMYYCARLGGNNYDYWYFDVWGTGTTVTV 120

16B3   121:SS                                                        122
16E7   121:SS                                                        122
```

[図6B]

```
16B3    1:DIVLTQSPTSLAVSPGQRATISCRASESVEYYGTSLMQWYQQKPGQRPQLLIYAASNVES 60
16E7    1:DIVLTQSPTSLAVSLGQRATISCRASESVEYYGTSLMQWYQQKPGQRPKLLIYAASNVES 60

16B3   61:GVPARFSGSGSGTDFSLNIHPVEEDDIAVYFCQQSWKVPFTFGSGTKLEIK         111
16E7   61:GVPARFSGSGSGTDFSLNIHPVEEDDIAMYFCQQSWKVPFTFGSGTKLEIK         111
```

[図6C]

```
14E1    1:QVQLQQSGAELVKPGASVRLSCKASGYTFTKYTIHWVKQRSGQGLEWIGWFYPGSDSIKY 60
19E7    1:QVQLQQPGSVLVRPGASVKLSCKASGYTFTTYWMHWVKQRPGQGLEWIGEIHPYSGNNNN 60

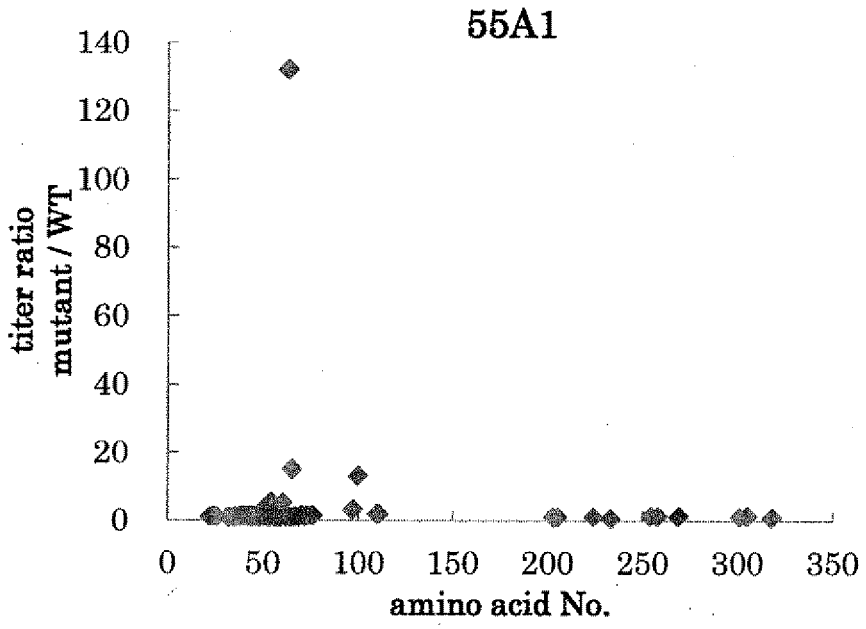
14E1   61:NEKFKDKATLTADKSSRTVYMELSRLTSEDSAVYFCARHEEYTNSLAYWGQGTLVTVSA 119
19E7   61:NEKFKGKATLTVDTSSSTAYVDLSRLTSEDSAVYYCARYDS-NYVFAYWGQGTLVTVSA 118
```

[図6D]

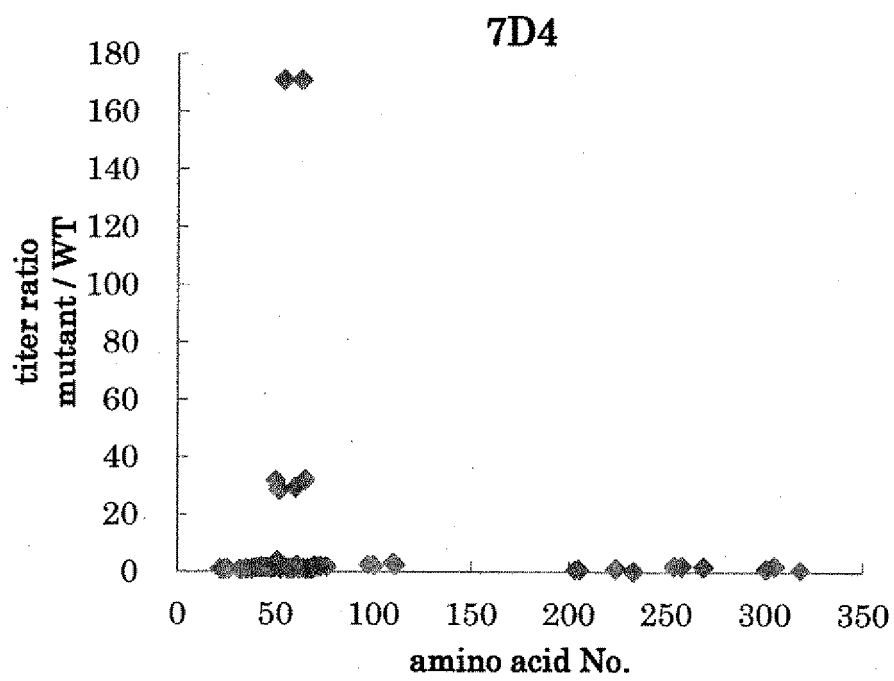
```
14E1    1:DIQMTQTTSSLSASLGDRVTISCRASQDISNYLNWYQQQPDGTVKLLIYYTSRLHSGVPS 60
19E7    1:QIVLTQSPAIMSASPGEGVTITCSASSSVS-YMHWFQQKPGTSPKLWIYSTSNLASGVPA 59

14E1   61:RFSGSGSGTDYSLTISNLEQEDIATYFCQQGYTLPWTFGGGTNLEIK         107
19E7   60:RFSGSGSGTSYSLTISRMEAEDAATYYCQQRDSY-LTFGSGTKLEVK         105
```

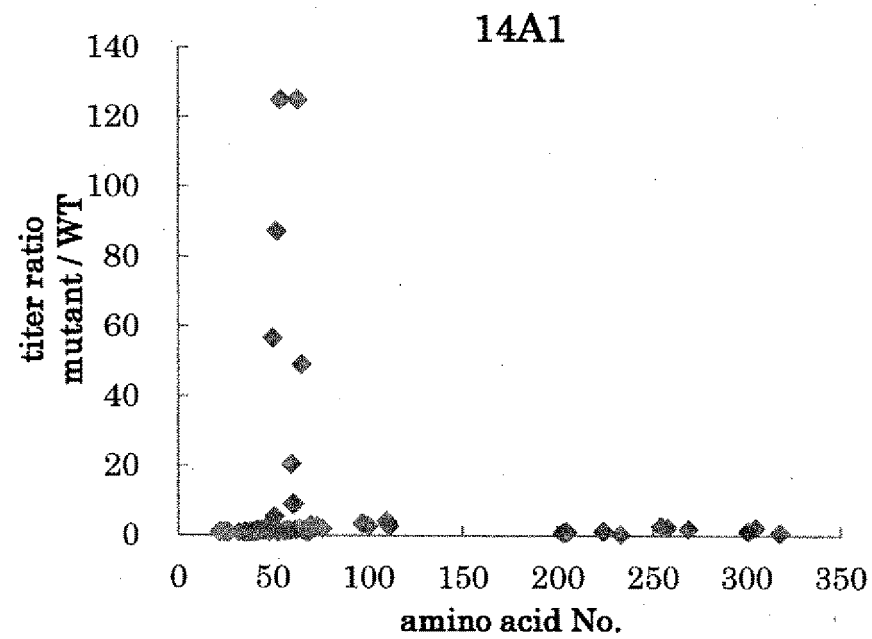
[図7A]



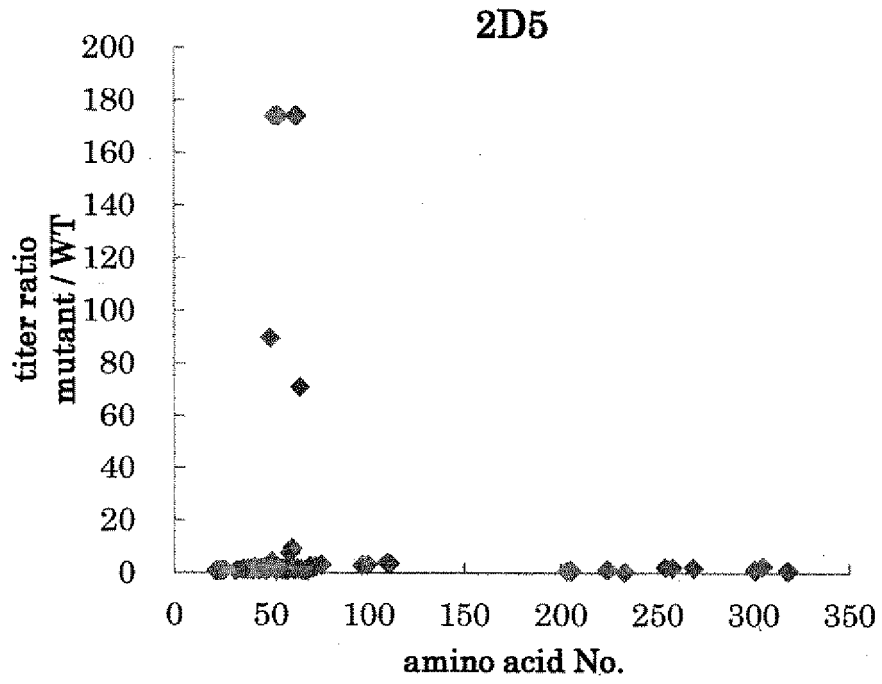
[図7B]


7D4
titer ratio
mutant / WT
180
160
140
120
100
80
60
40
20
0
0
50
100
150
200
250
300
350
amino acid No.

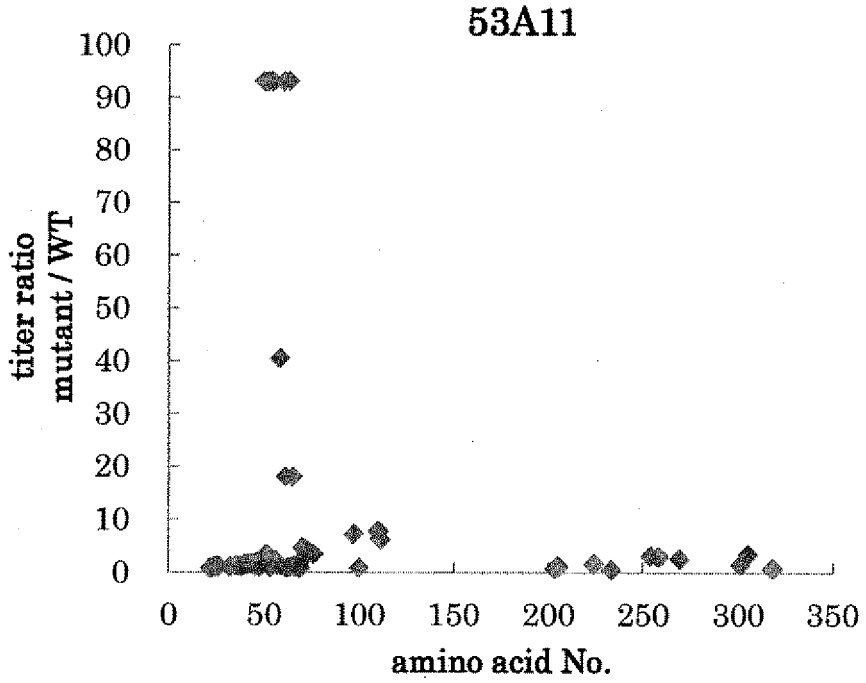
[図7C]


14A1
titer ratio
mutant / WT
140
120
100
80
60
40
20
0
0
50
100
150
200
250
300
350
amino acid No.

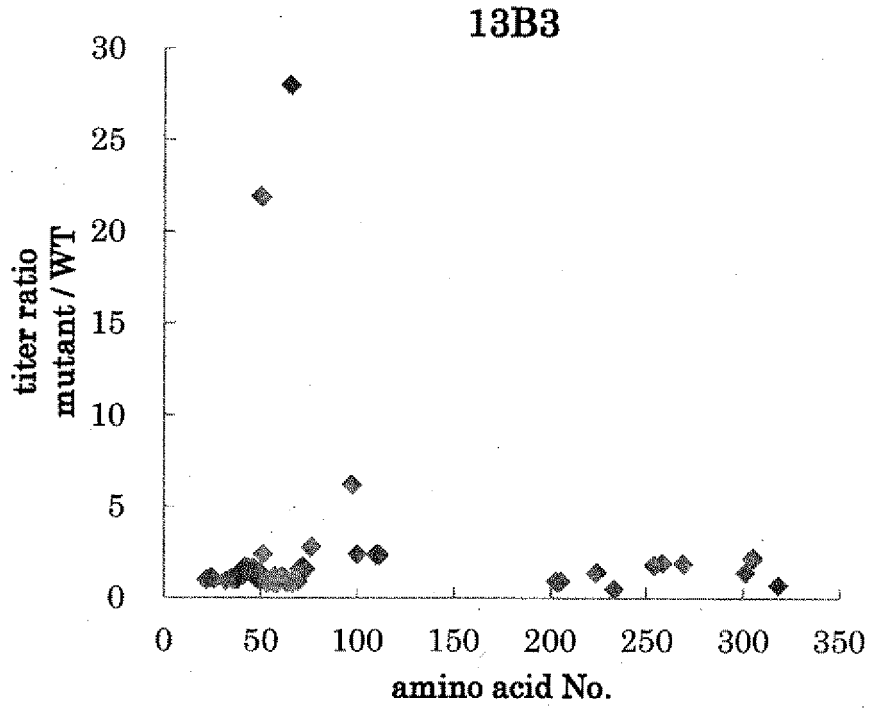
[図7D]


2D5
titer ratio
mutant / WT
200
180
160
140
120
100
80
60
40
20
0
0
50
100
150
200
250
300
350
amino acid No.

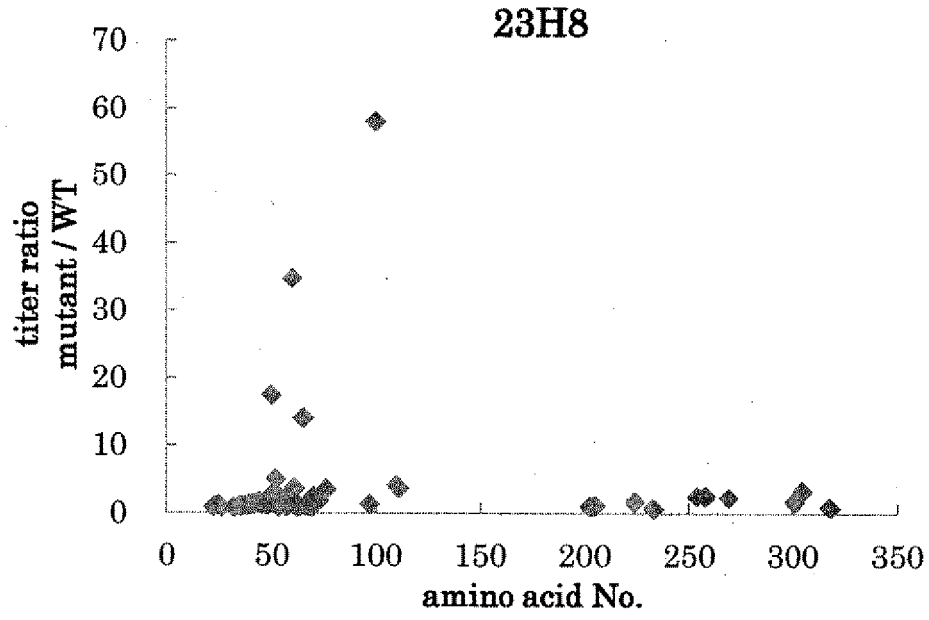
[図7E]


53A11
titer ratio
mutant / WT
100
90
80
70
60
50
40
30
20
10
0
0
50
100
150
200
250
300
350
amino acid No.

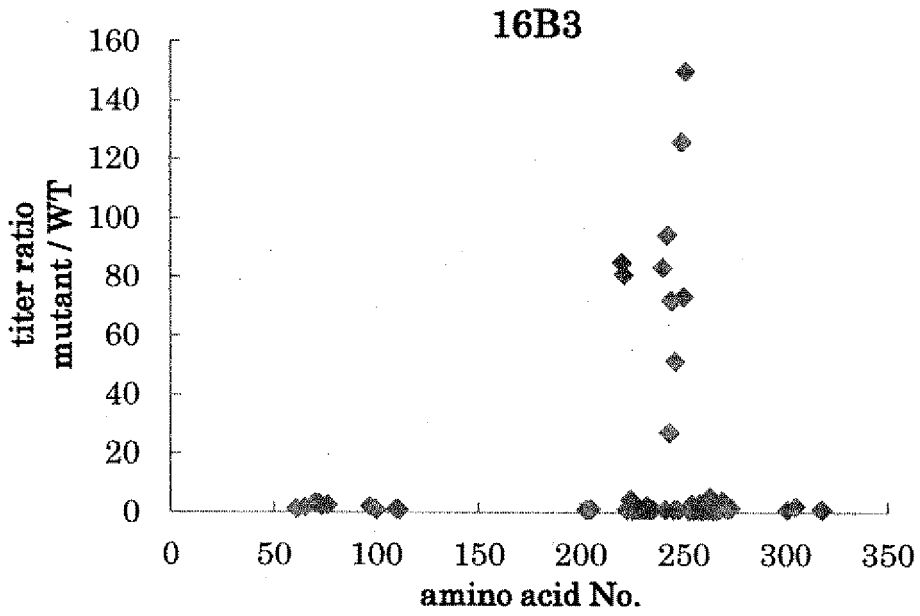
[図7F]


13B3
titer ratio
mutant / WT
30
25
20
15
10
5
0
0
50
100
150
200
250
300
350
amino acid No.

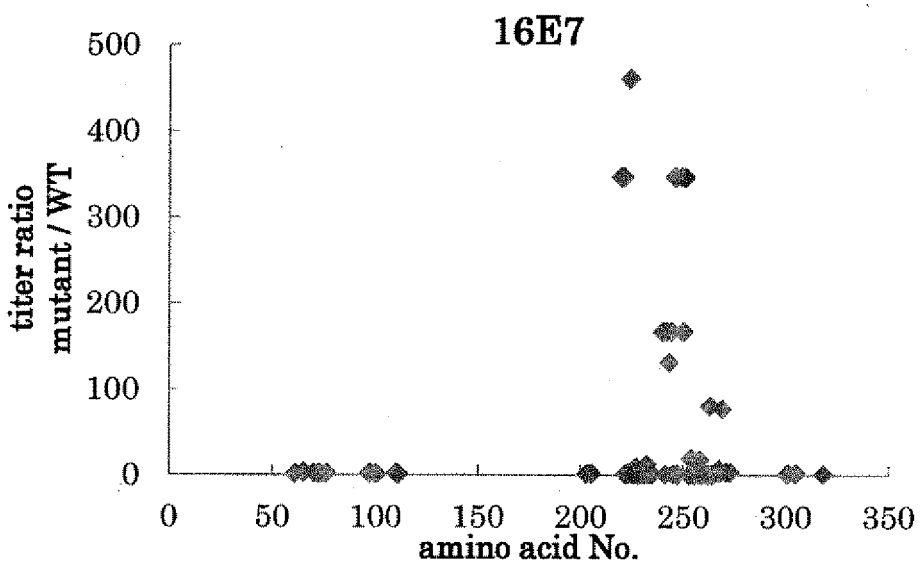
[図7G]


23H8
titer ratio
mutant / WT
70
60
50
40
30
20
10
0
0
50
100
150
200
250
300
350
amino acid No.

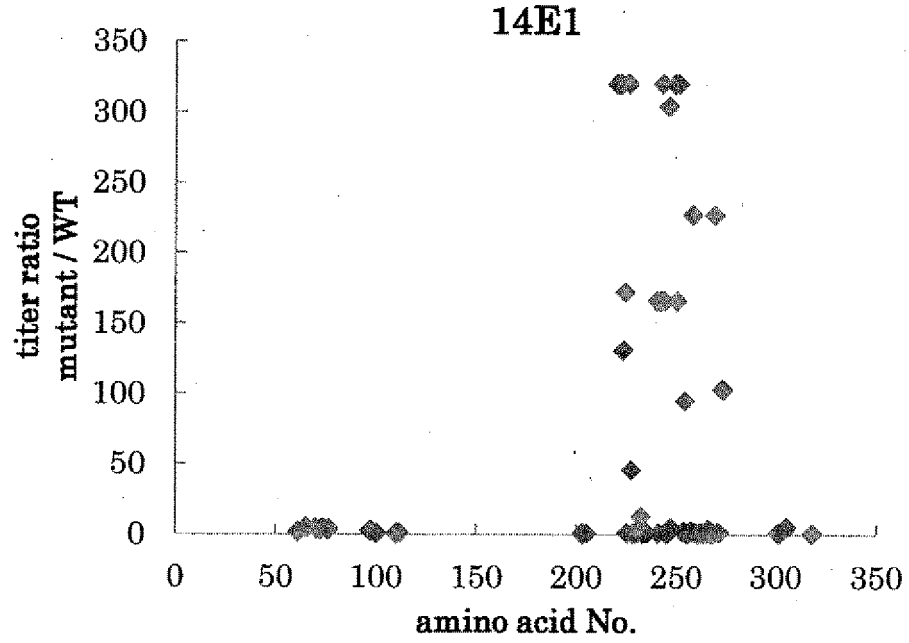
[図7H]


16B3
titer ratio
mutant / WT
160
140
120
100
80
60
40
20
0
0
50
100
150
200
250
300
350
amino acid No.

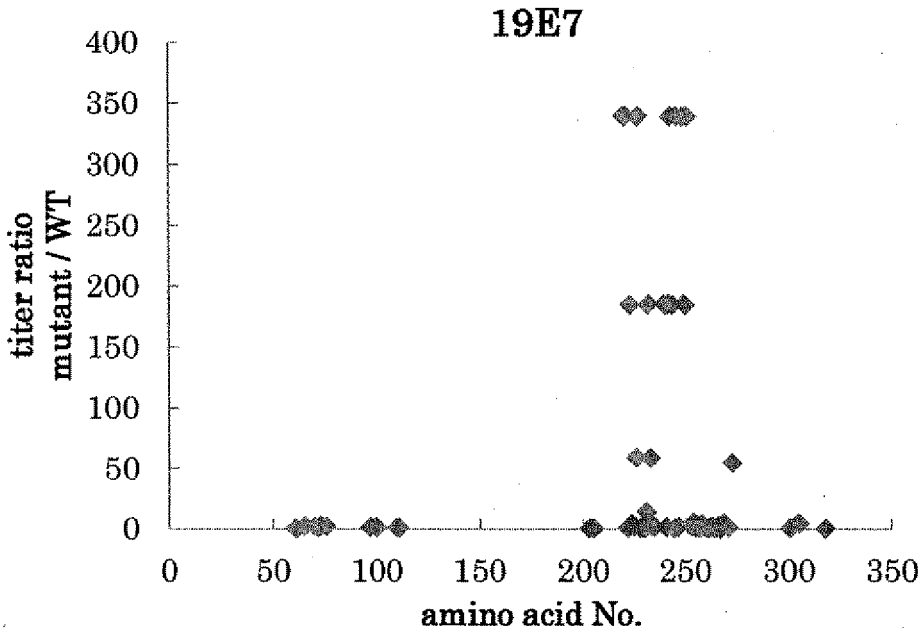
[図7I]


16E7
titer ratio
mutant / WT
500
400
300
200
100
0
0
50
100
150
200
250
300
350
amino acid No.

[図7J]


14E1
titer ratio
mutant / WT
350
300
250
200
150
100
50
0
0
50
100
150
200
250
300
350
amino acid No.

[図7K]


19E7
titer ratio
mutant / WT
400
350
300
250
200
150
100
50
0
0
50
100
150
200
250
300
350
amino acid No.