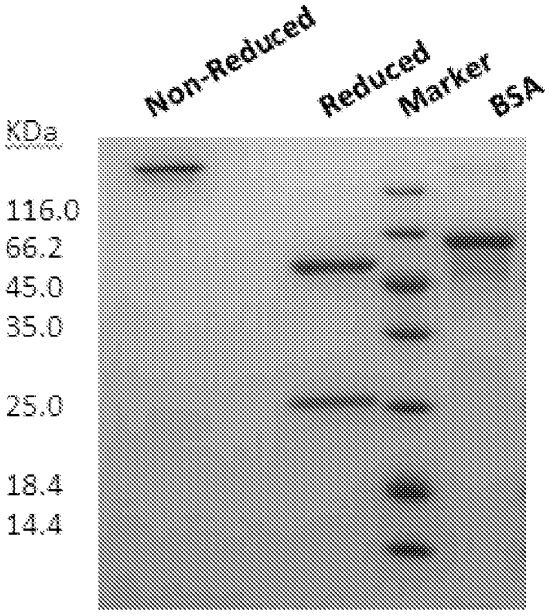
Non-Reduced
Reduced
Marker
BSA
KDa
116.0
66.2
45.0
35.0
25.0
18.4
14.4

图 1

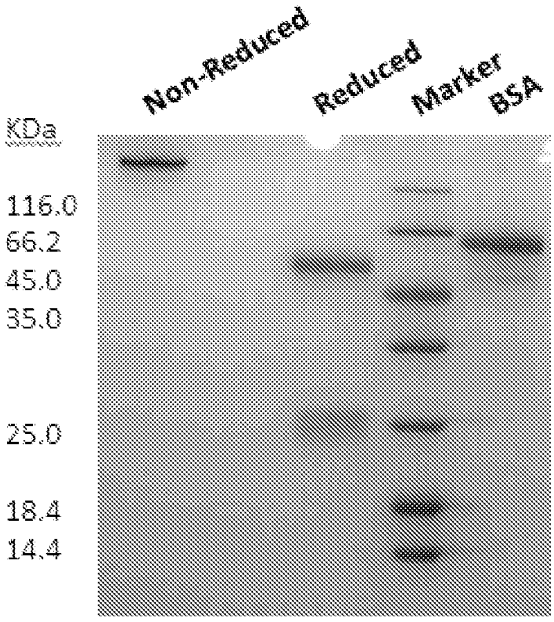
Non-Reduced
Reduced
Marker
BSA
KDa
116.0
66.2
45.0
35.0
25.0
18.4
14.4

图 2

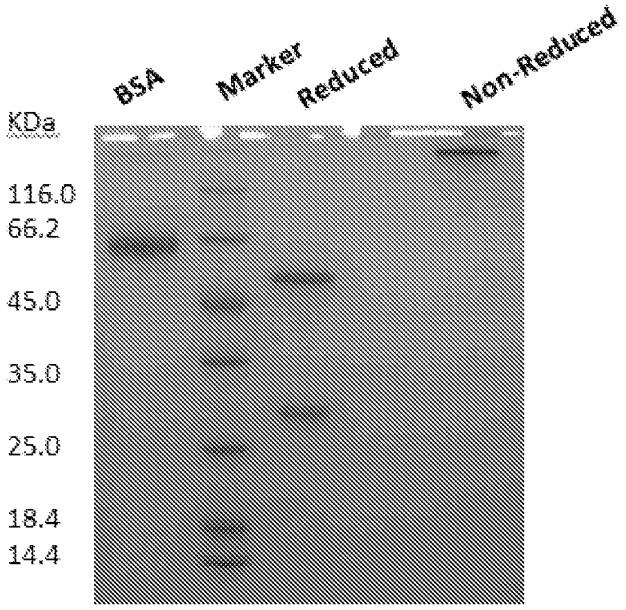
BSA
Marker
Reduced
Non-Reduced
KDa
116.0
66.2
45.0
35.0
25.0
18.4
14.4

图 3

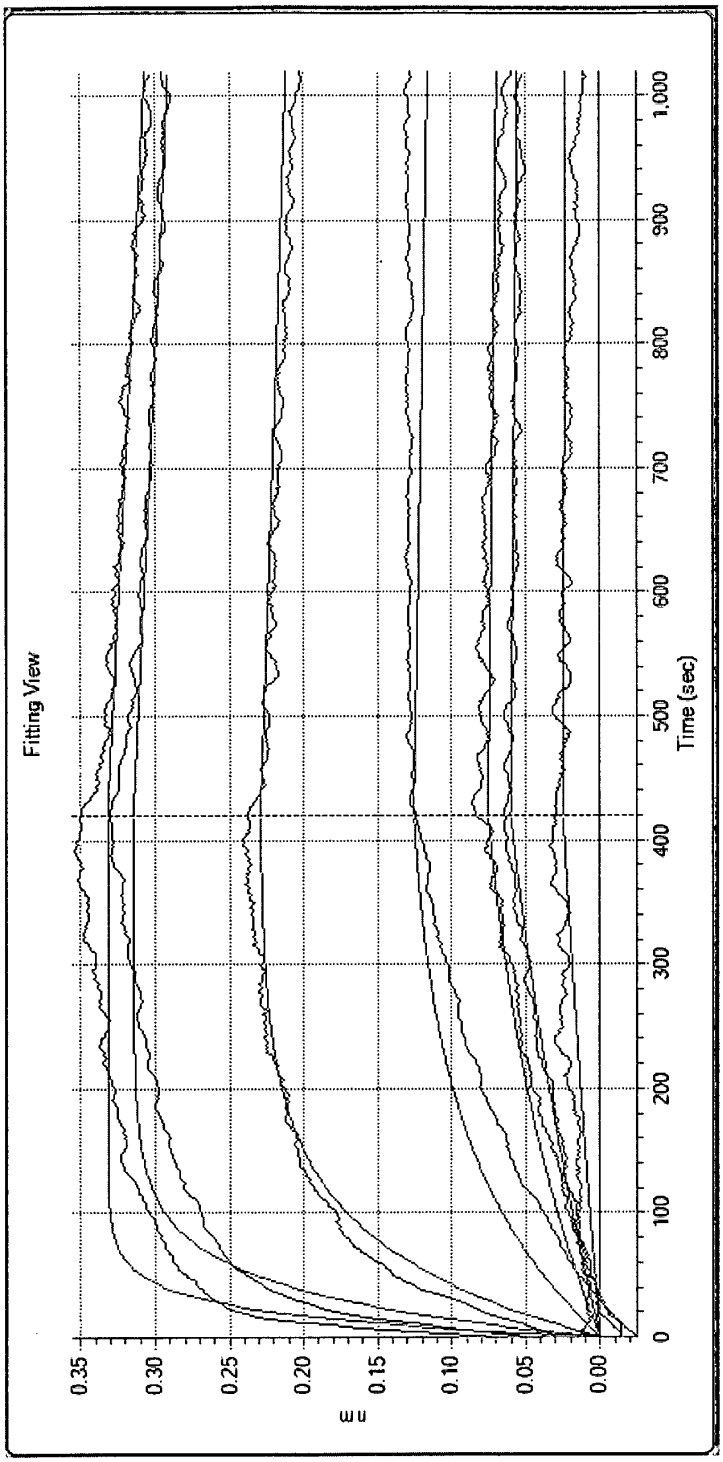
Fitting View
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
100
200
300
400
500
600
700
800
900
1,000
Time (sec)

图 4

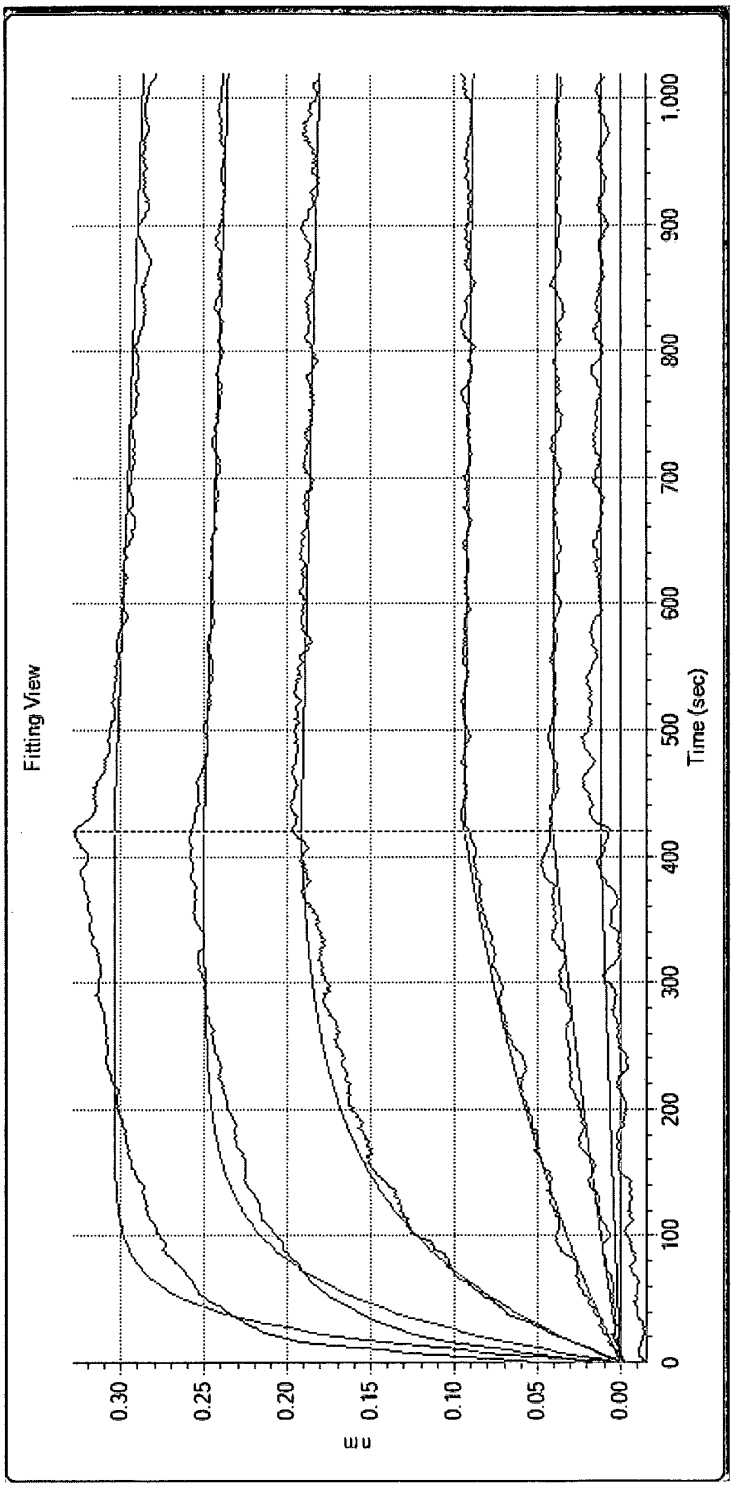
Fitting View
nm
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
100
200
300
400
500
600
700
800
900
1,000
Time (sec)

图 5

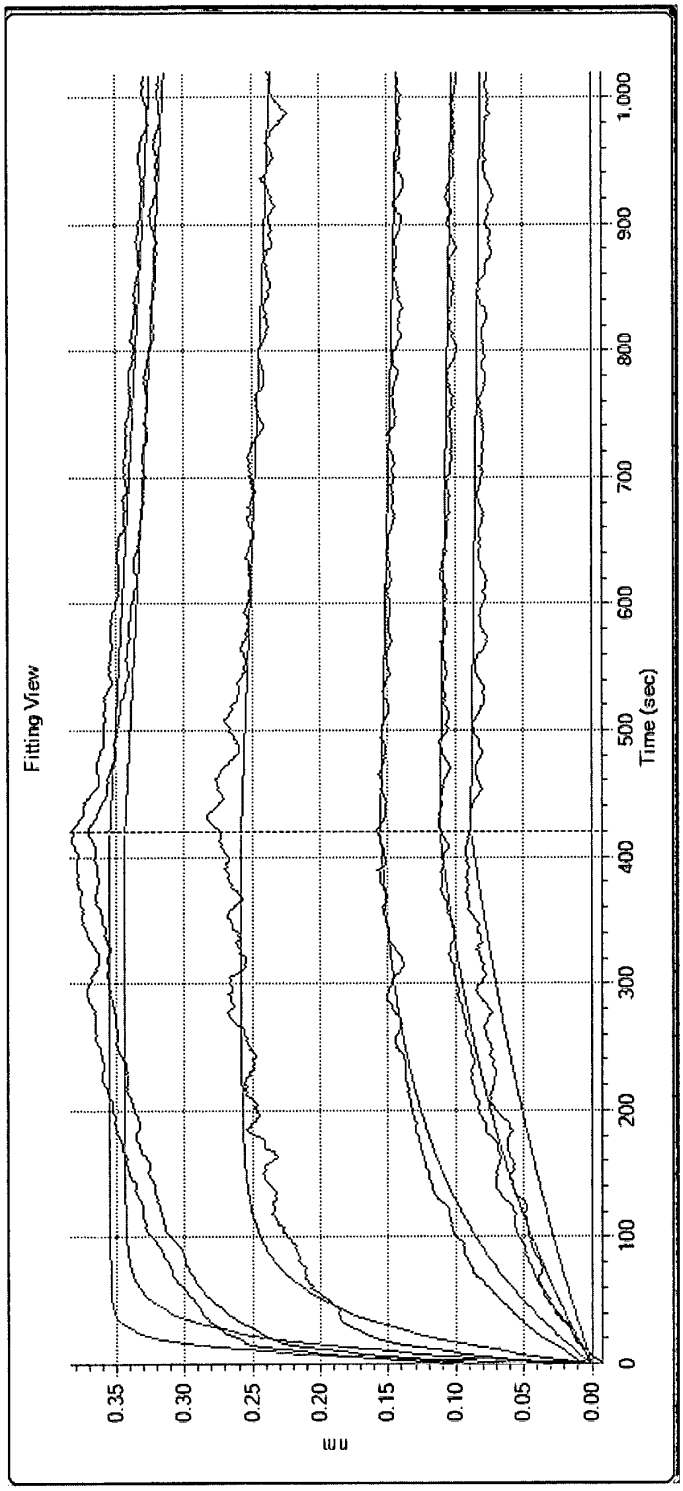
Fitting View
nm
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0
100
200
300
400
500
600
700
800
900
1,000
Time (sec)

图 6

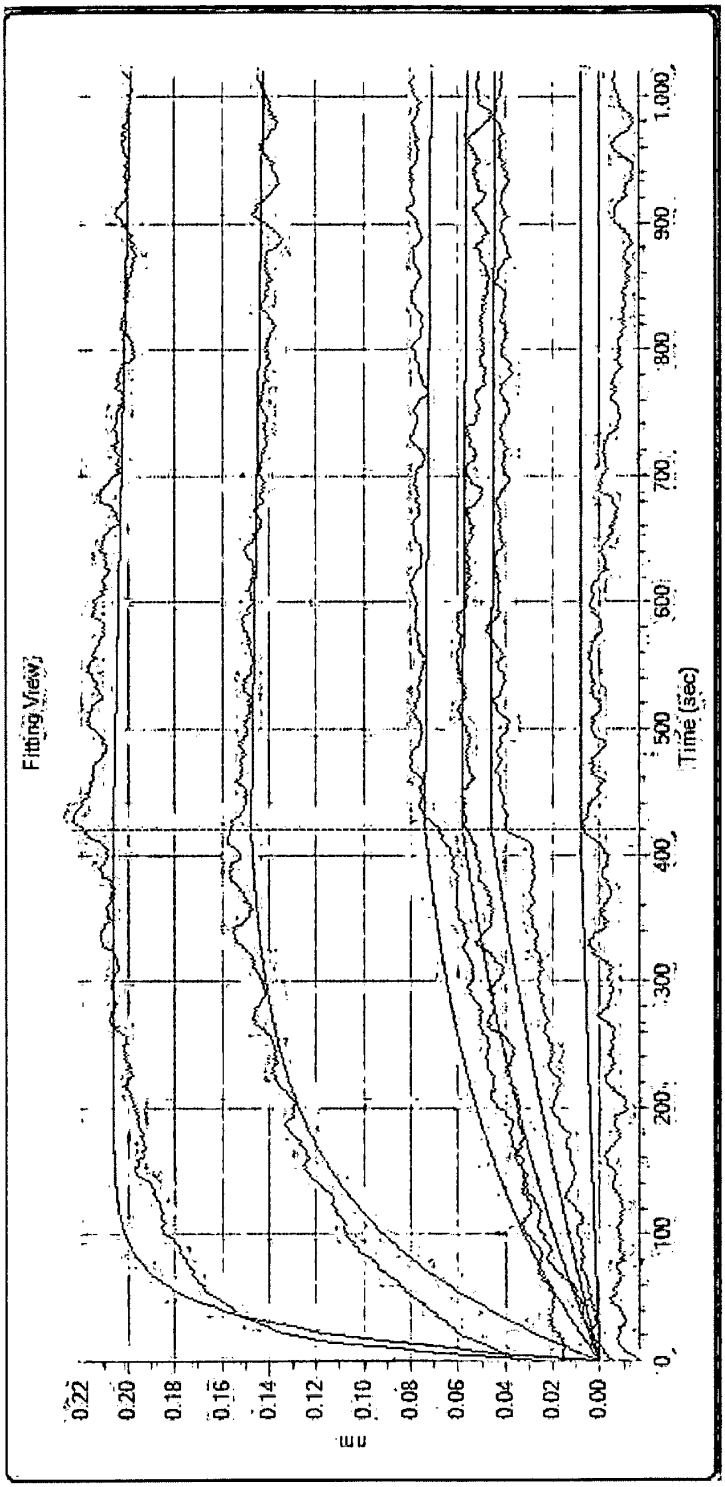
Fitting View
Time (sec)
0
100
200
300
400
500
600
700
800
900
1,000
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00

图 7

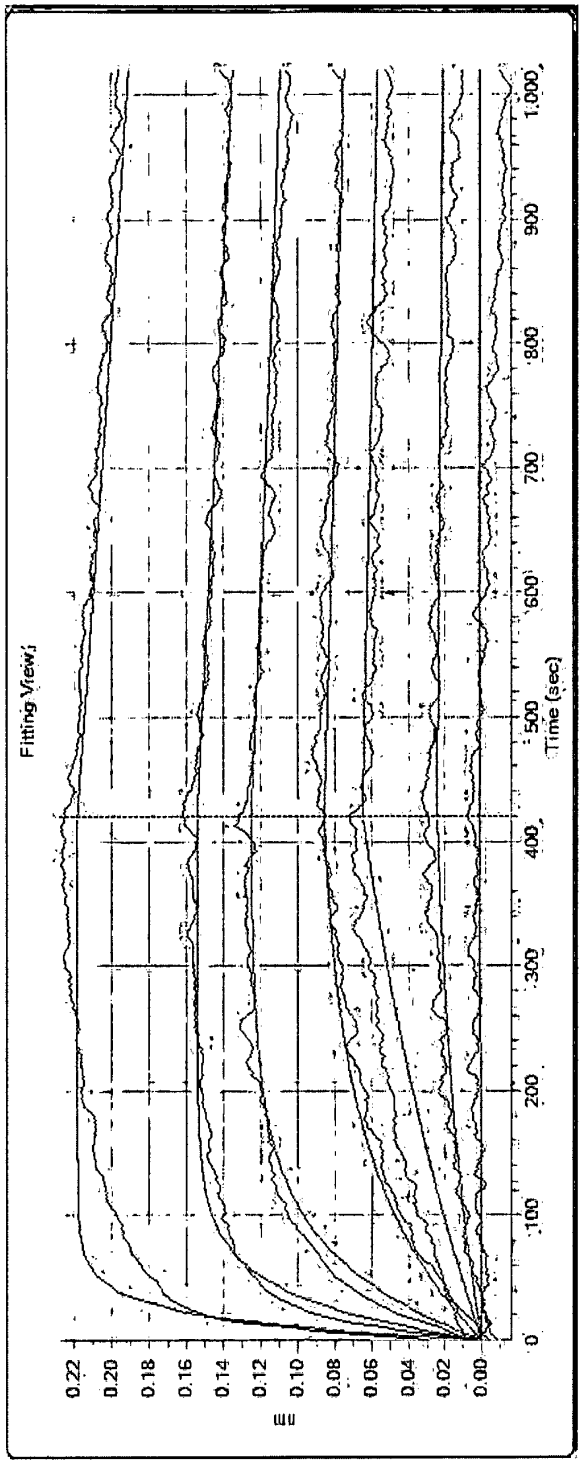
Fitting View1
Time (sec)
0
100
200
300
400
500
600
700
800
900
1,000
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00

图 8

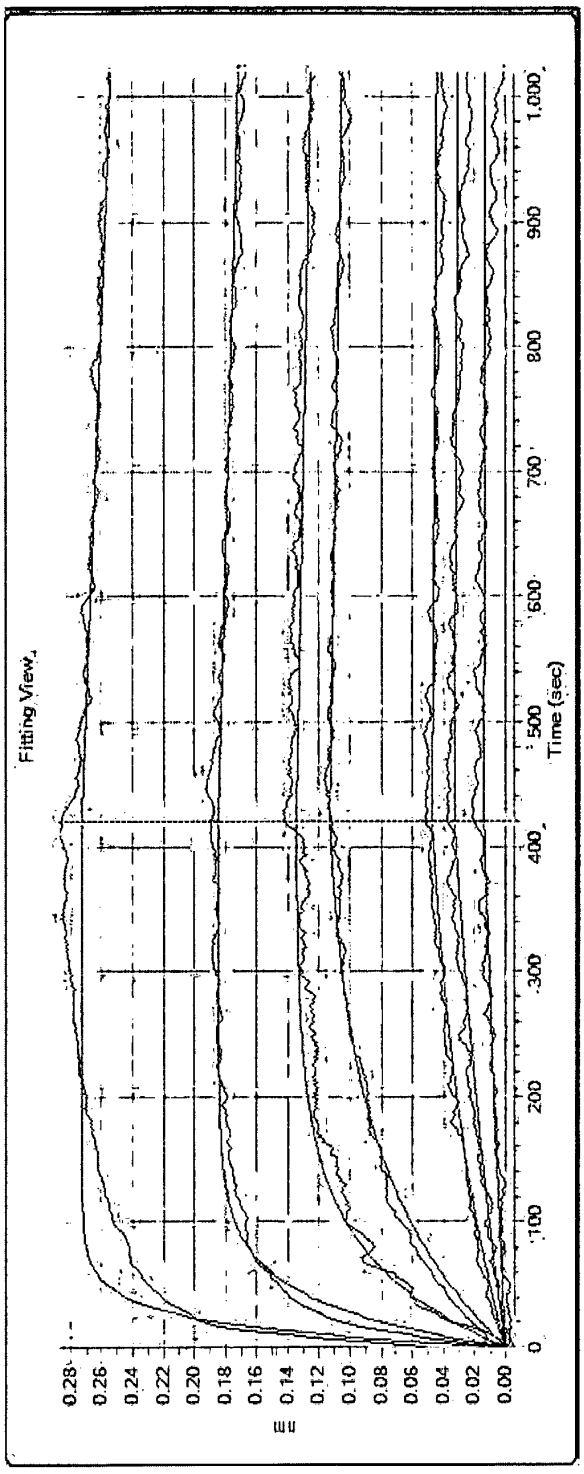
Fitting View
nm
Time (sec)
0.28
0.26
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
100
200
300
400
500
600
700
800
900
1,000

图 9

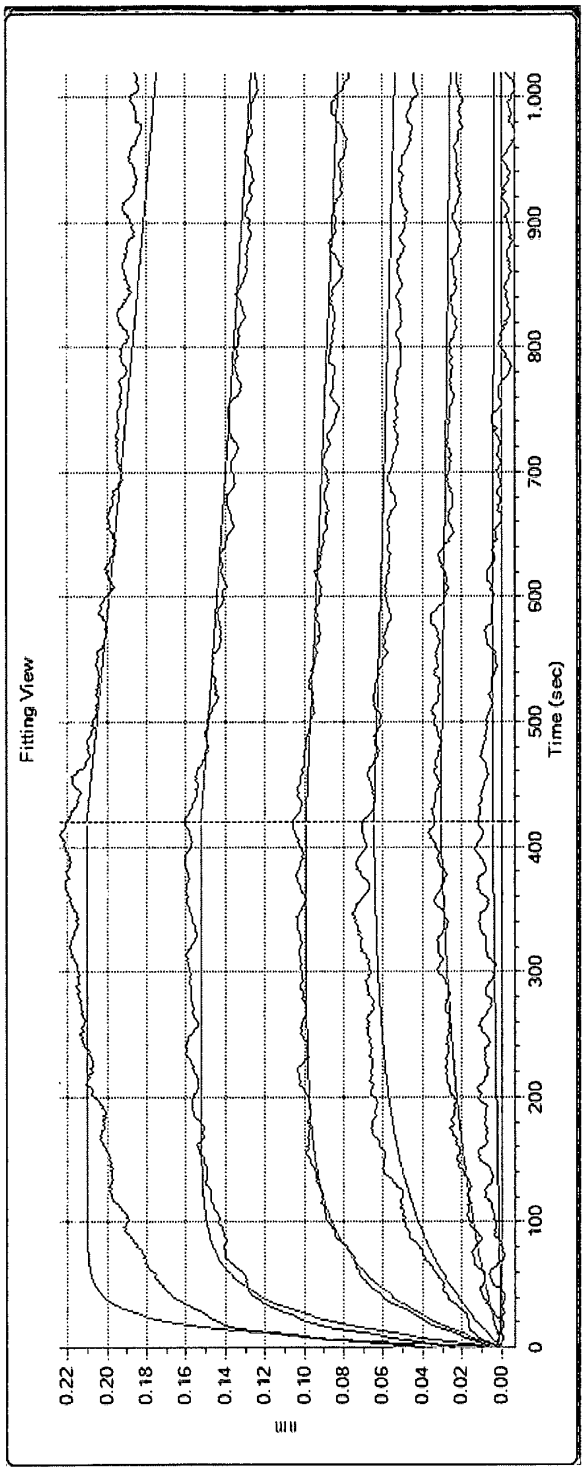
Fitting View
nm
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0
100
200
300
400
500
600
700
800
900
1,000
Time (sec)

图 10

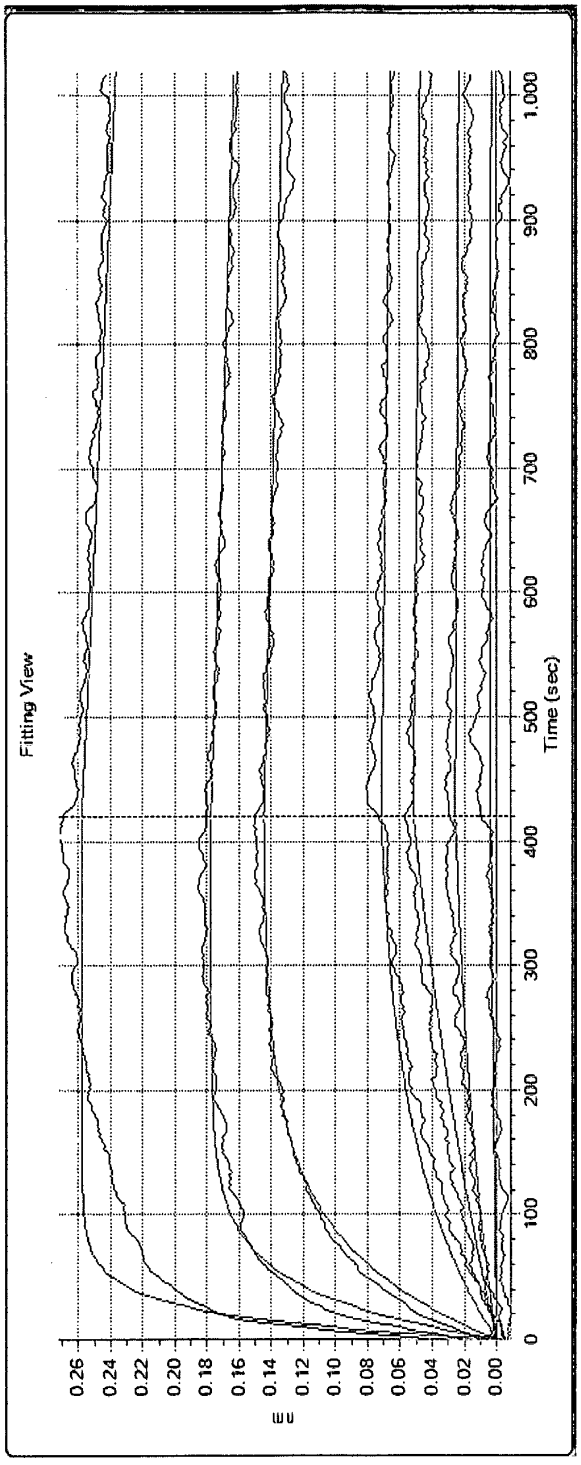
Fitting View
Time (sec)
0
100
200
300
400
500
600
700
800
900
1,000
0.26
0.24
0.22
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00

图 11

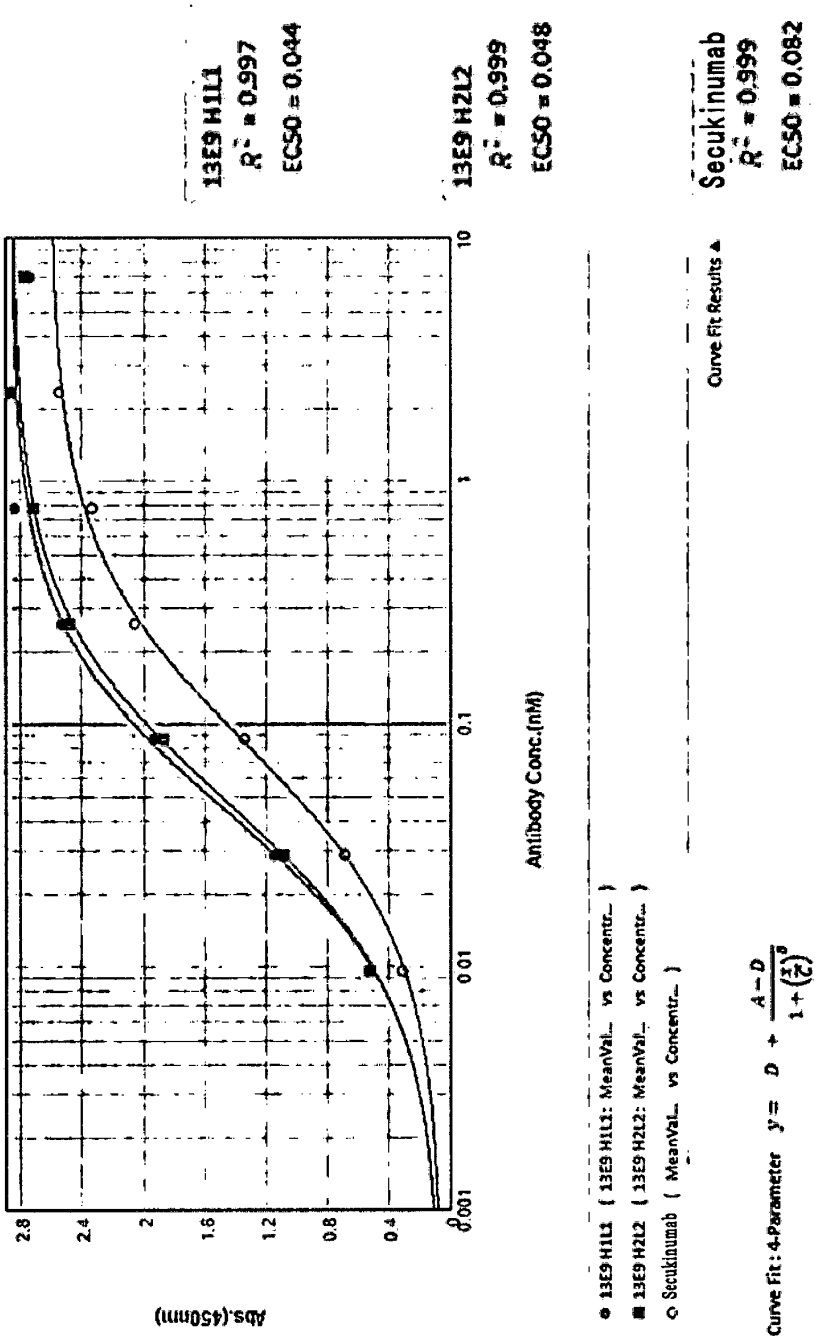
13E9 H1L1
R² = 0.997
EC50 = 0.044
13E9 H2L2
R² = 0.999
EC50 = 0.048
Secukinumab
R² = 0.999
EC50 = 0.082
abs.(450nm)
Antibody Conc.(nM)
Curve Fit Results
13E9 H1L1 (13E9 H1L1: MeanVal_ vs Concentr_)
13E9 H2L2 (13E9 H2L2: MeanVal_ vs Concentr_)
Secukinumab (MeanVal_ vs Concentr_)
Curve Fit : 4-Parameter y = D + (A − D) / (1 + (x/C)^B)

图 12

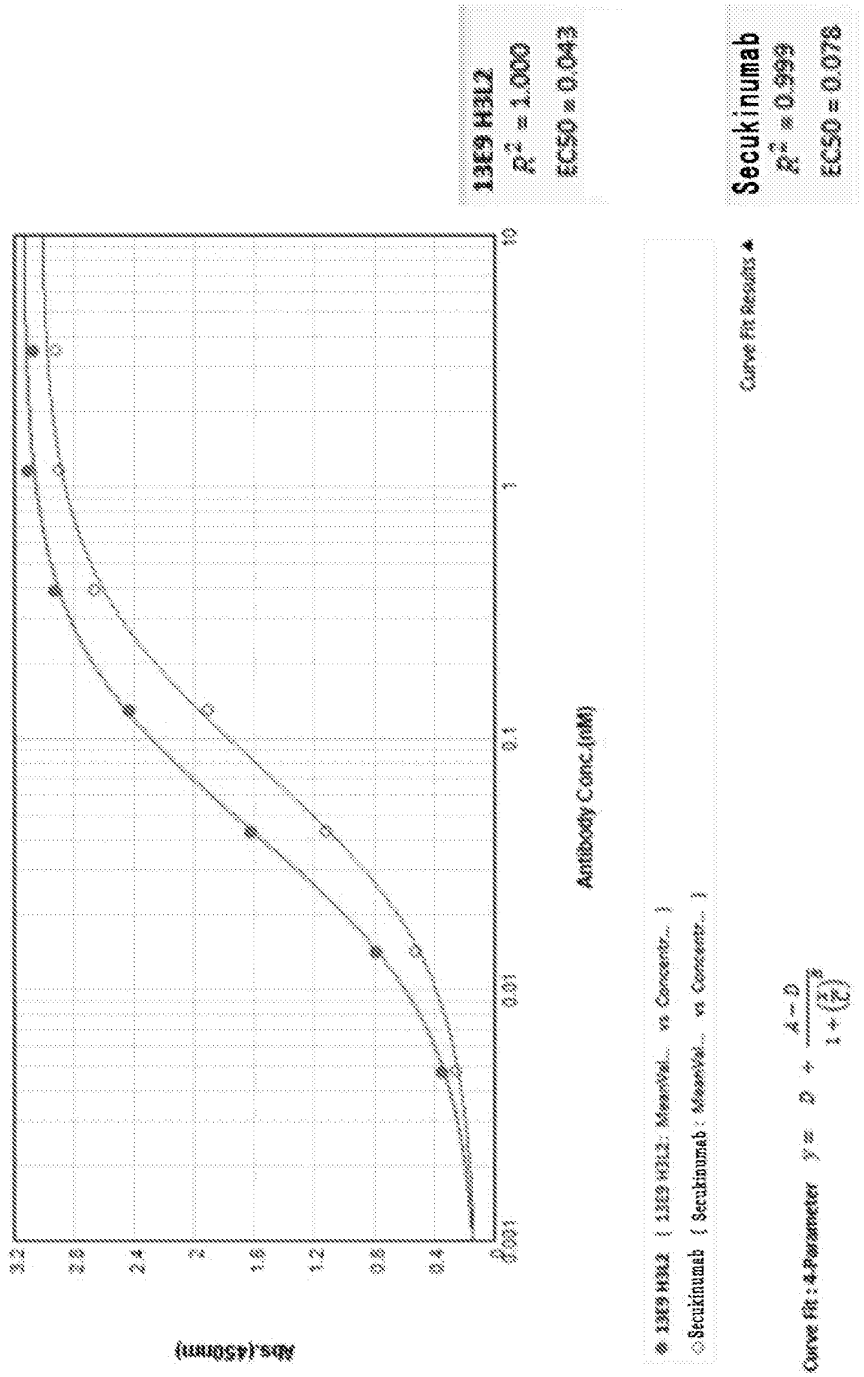
13E9 H3L2
R^2 = 1.000
EC50 = 0.043
Secukinumab
R^2 = 0.999
EC50 = 0.078
Abs.(450nm)
Antibody Conc.(nM)
Curve Fit Results
Curve Fit : 4-Parameter $y = D + \frac{A-D}{1+\left(\frac{x}{C}\right)^B}$

图13

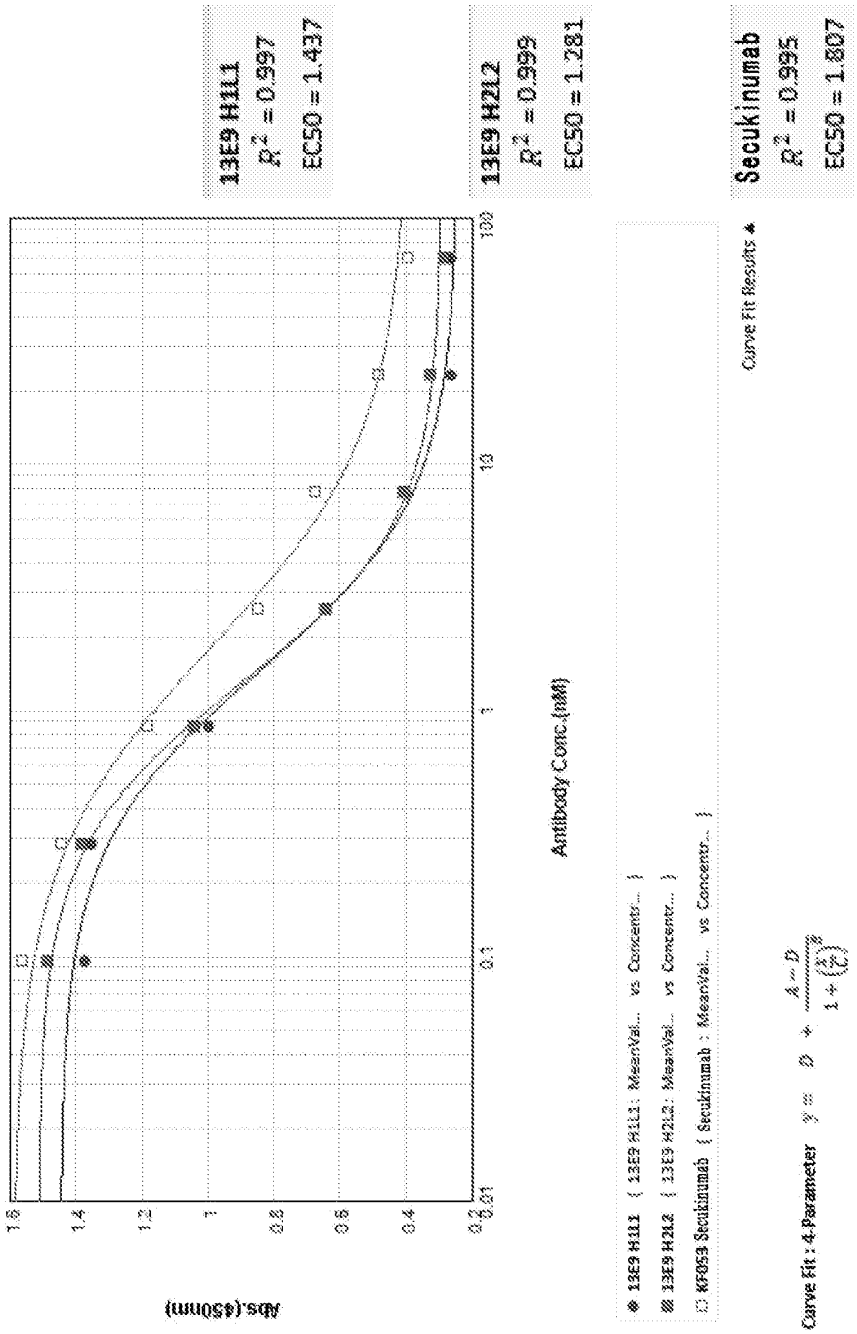
13E9 H111
R^2 = 0.997
EC50 = 1.437
13E9 H212
R^2 = 0.999
EC50 = 1.281
Secukinumab
R^2 = 0.995
EC50 = 1.807
Abs.(450nm)
Antibody Conc.(nM)
Curve Fit Results
13E9 H111 { 13E9 H111: MeanVal... vs Concentr... }
13E9 H212 { 13E9 H212: MeanVal... vs Concentr... }
KF053 Secukinumab { Secukinumab : MeanVal... vs Concentr... }
Curve Fit : 4-Parameter $y = D + \frac{A-D}{1+\left(\frac{x}{C}\right)^B}$

图14

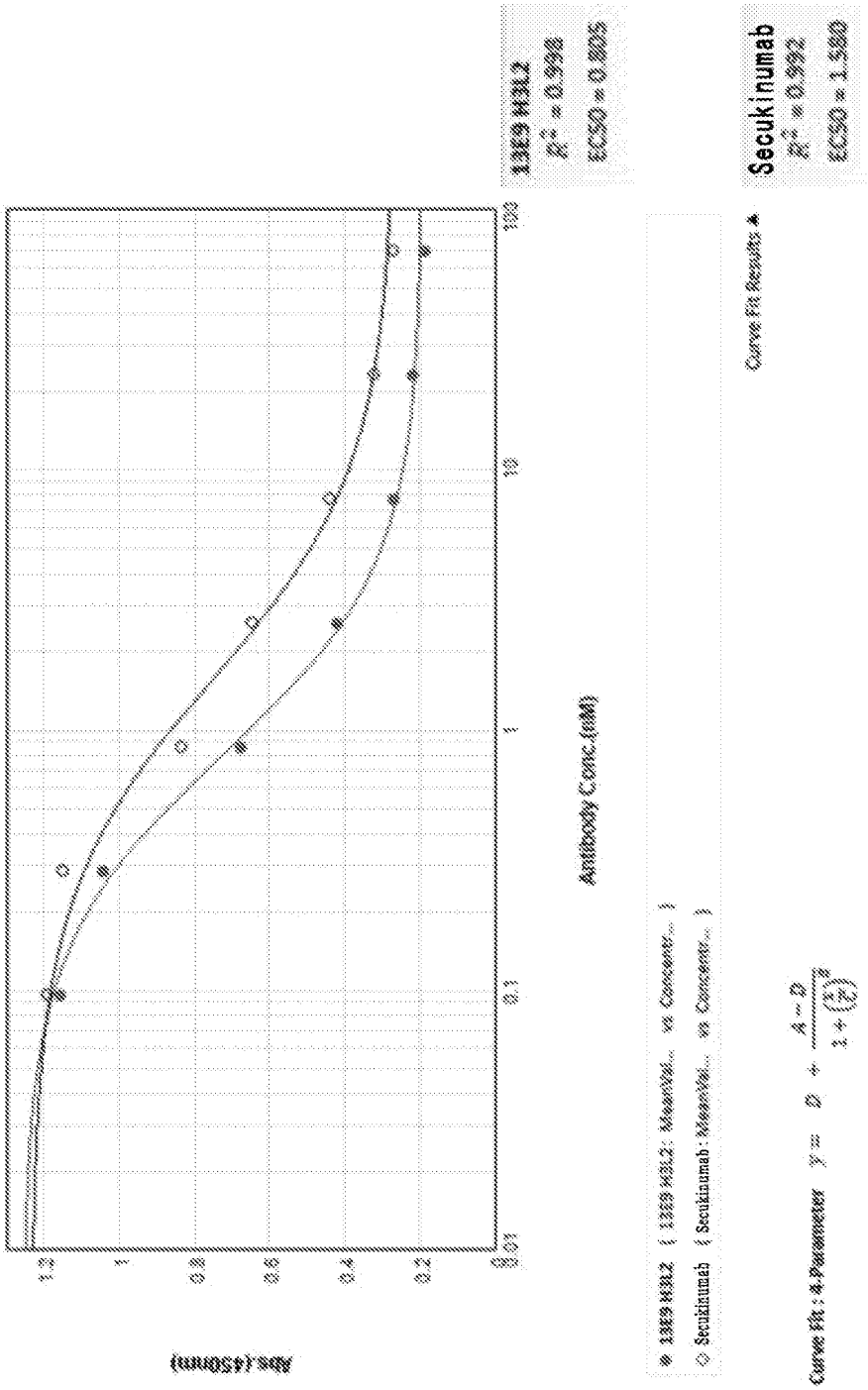
1329 H3L2
R^2 = 0.998
EC50 = 0.8025
Secukinumab
R^2 = 0.992
EC50 = 1.380
Curve Fit Results
Abs (450nm)
Antibody Conc.(nM)
1329 H3L2 (1329 H3L2: Mean Val... vs Concentr...)
Secukinumab (Secukinumab: Mean Val... vs Concentr...)
Curve fit : 4 Parameter $Y = D + \frac{A-D}{1+\left(\frac{X}{C}\right)^B}$

图15

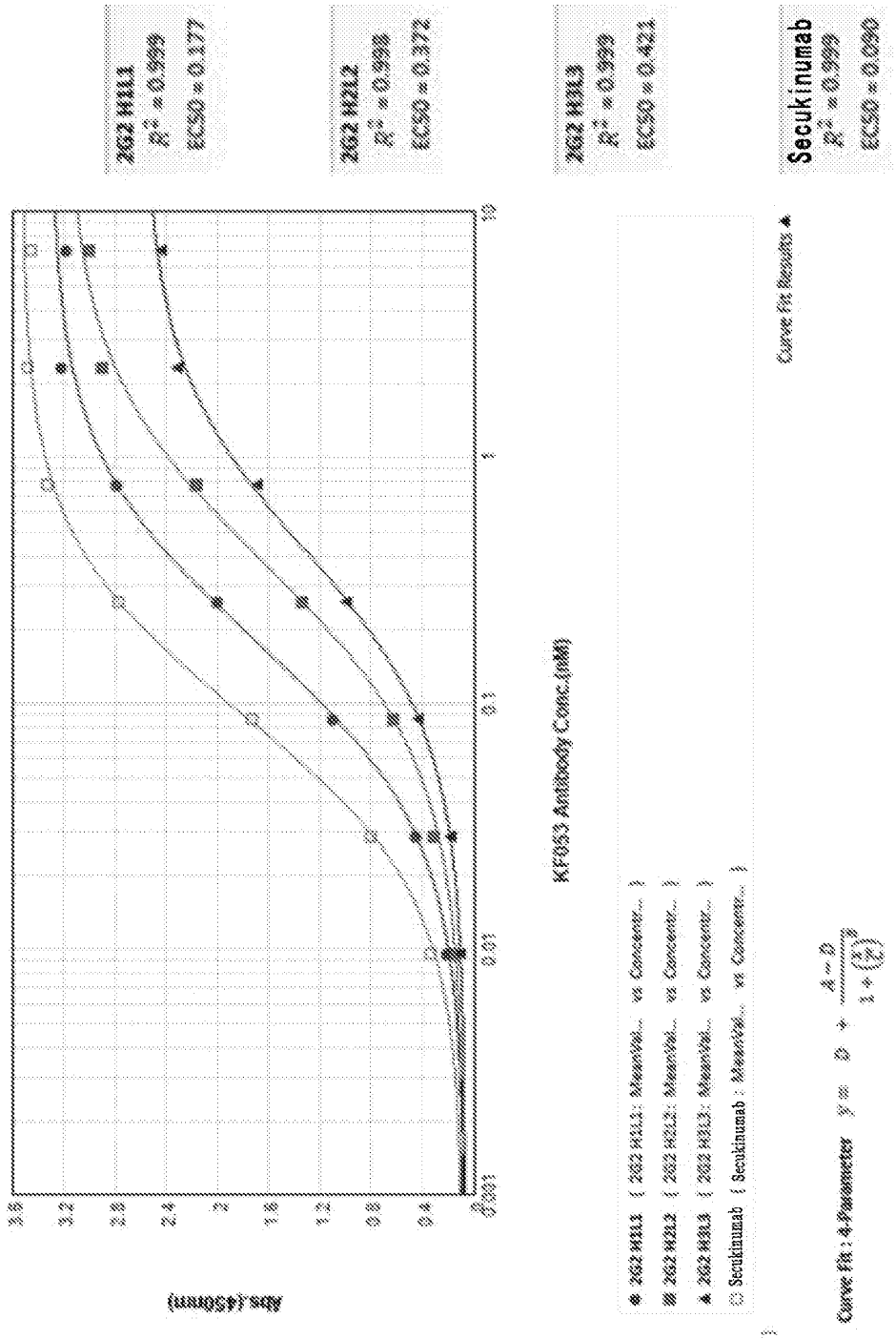
2G2 H1L1
R² = 0.999
EC50 = 0.177
2G2 H2L2
R² = 0.998
EC50 = 0.372
2G2 H3L3
R² = 0.999
EC50 = 0.421
Secukinumab
R² = 0.999
EC50 = 0.090
Abs (450nm)
KP053 Antibody Conc.(nM)
Curve Fit Results
Curve Fit : 4 Parameter

图16

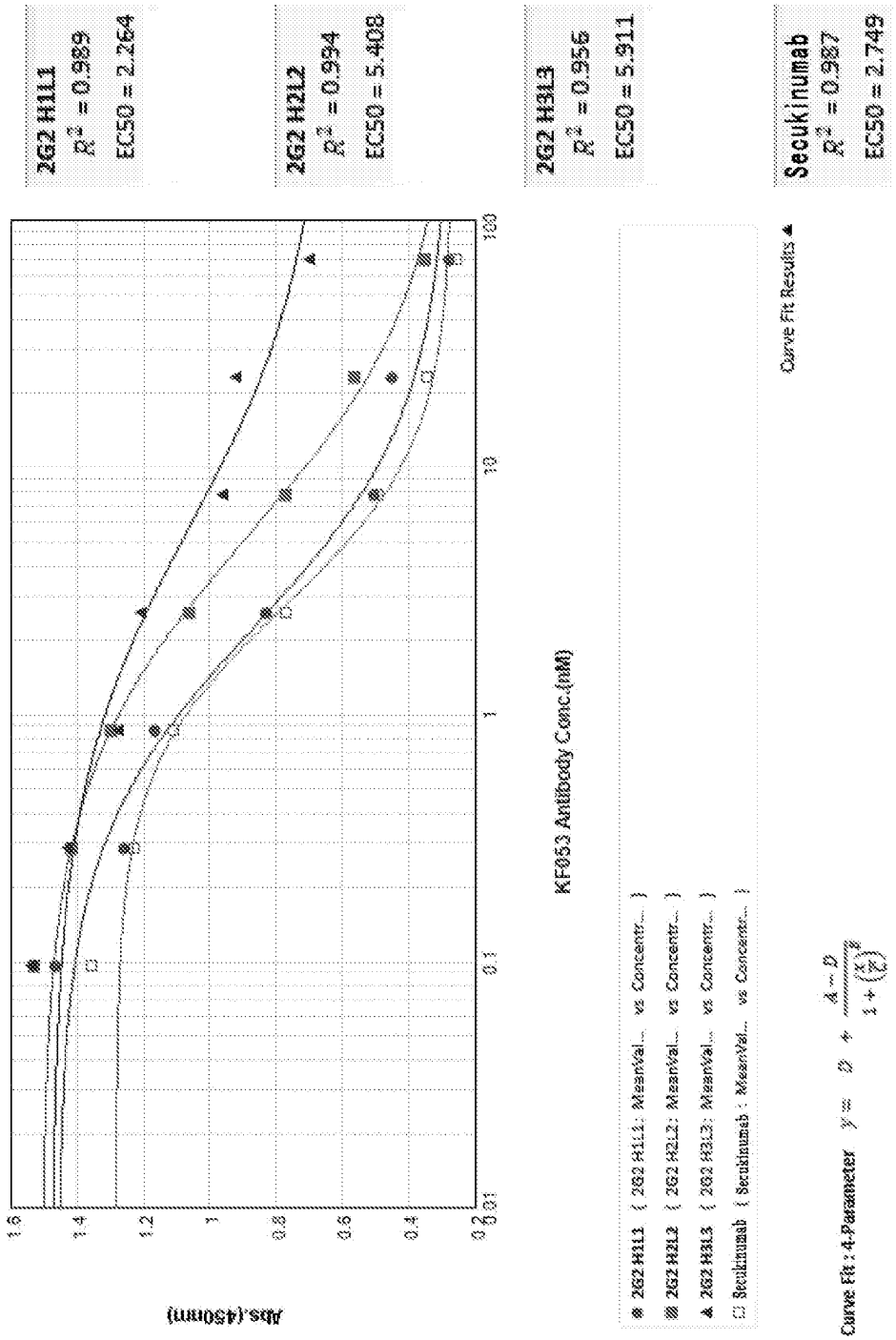
2G2 H1L1
R^2 = 0.989
EC50 = 2.264
2G2 H2L2
R^2 = 0.994
EC50 = 5.408
2G2 H3L3
R^2 = 0.956
EC50 = 5.311
Secukinumab
R^2 = 0.987
EC50 = 2.749
Abs.(450nm)
KF053 Antibody Conc.(nM)
2G2 H1L1 { 2G2 H1L1: MeanVal... vs Concentr... }
2G2 H2L2 { 2G2 H2L2: MeanVal... vs Concentr... }
2G2 H3L3 { 2G2 H3L3: MeanVal... vs Concentr... }
Secukinumab { Secukinumab : MeanVal... vs Concentr... }
Curve Fit Results
Curve Fit : 4-Parameter $y = D + \frac{A-D}{1+\left(\frac{x}{C}\right)^B}$

图17

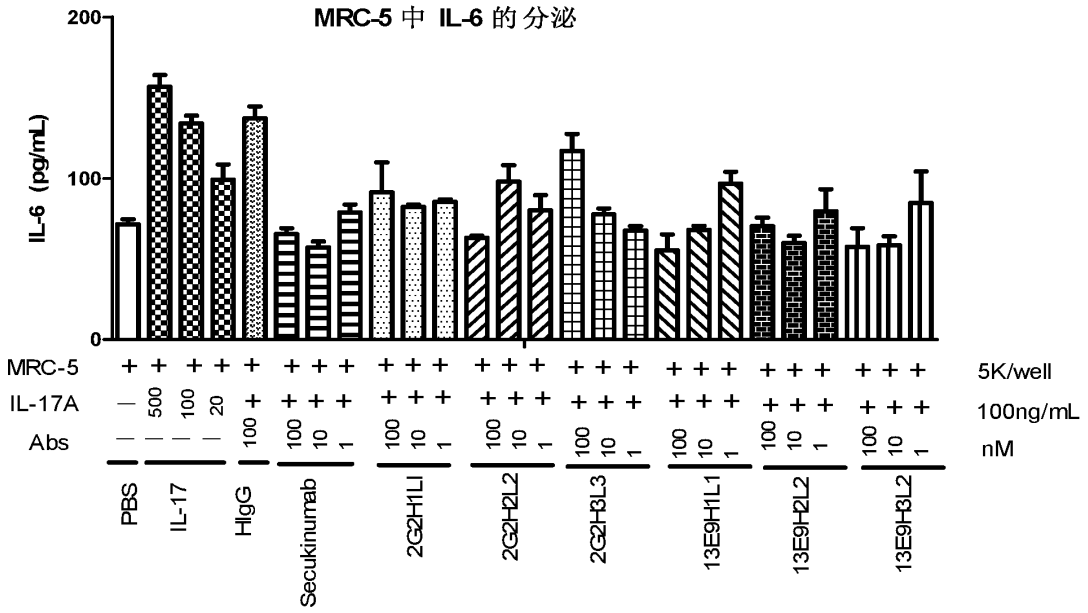
MRC-5 中 IL-6 的分泌
IL-6 (pg/mL)
200
100
0
MRC-5
IL-17A
Abs
5K/well
100ng/mL
nM
PBS
IL-17
HIgG
Secukinumab
2G2H1L1
2G2H2L2
2G2H3L3
13E9H1L1
13E9H2L2
13E9H3L2

图18

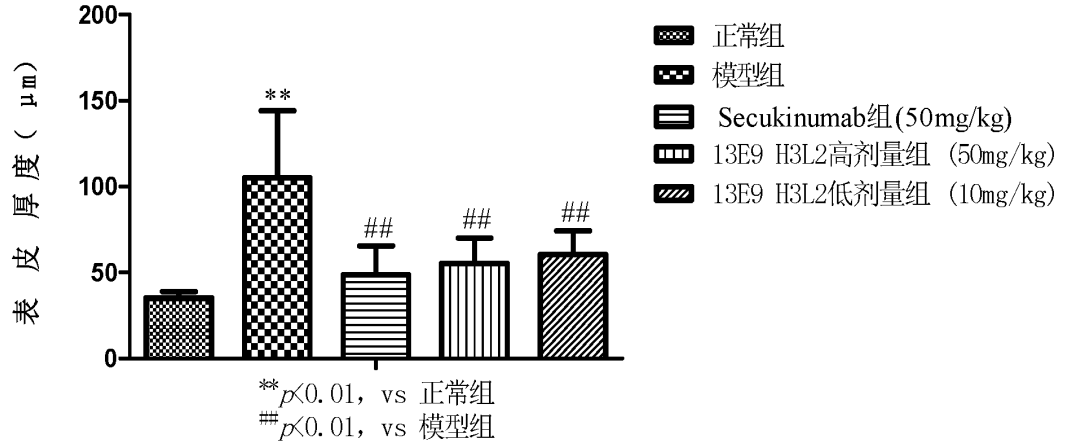
表皮厚度（μm）
200
150
100
50
0
**
##
正常组
模型组
Secukinumab组(50mg/kg)
13E9 H3L2高剂量组 (50mg/kg)
13E9 H3L2低剂量组 (10mg/kg)
**p<0.01，vs 正常组
##p<0.01，vs 模型组

图19