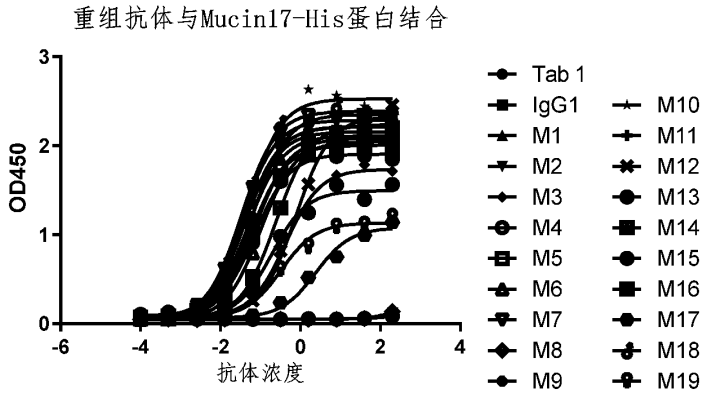

重组抗体与Mucin17-His蛋白结合
OD450
抗体浓度
Tab 1
IgG1
M1
M2
M3
M4
M5
M6
M7
M8
M9
M10
M11
M12
M13
M14
M15
M16
M17
M18
M19

图 1

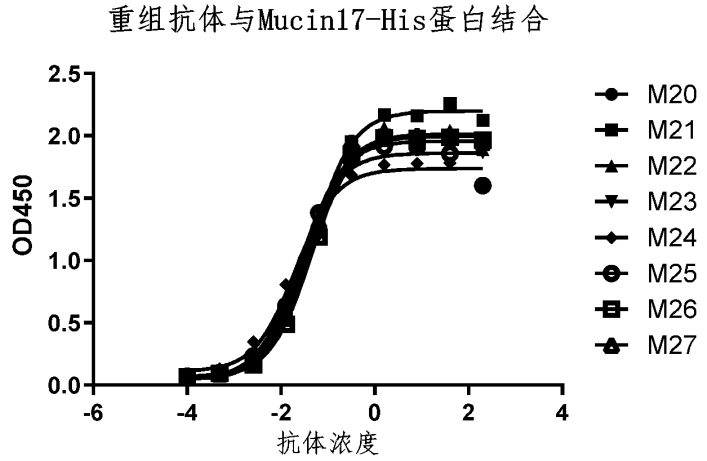

重组抗体与Mucin17-His蛋白结合
OD450
抗体浓度
M20
M21
M22
M23
M24
M25
M26
M27

图 2

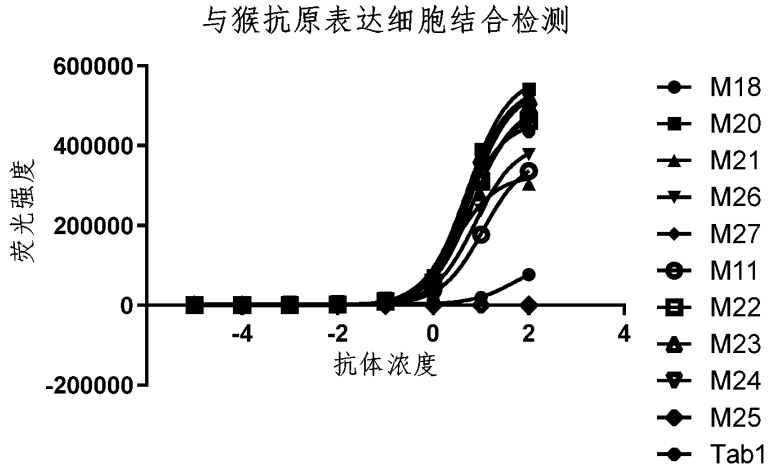

与猴抗原表达细胞结合检测
600000
400000
200000
0
-200000
荧光强度
-4
-2
0
2
4
抗体浓度
M18
M20
M21
M26
M27
M11
M22
M23
M24
M25
Tab1

图 3

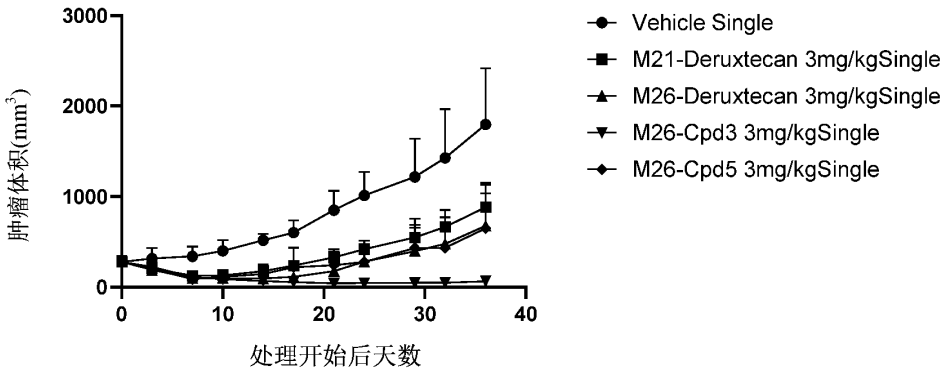

3000
2000
1000
0
肿瘤体积(mm3)
0
10
20
30
40
处理开始后天数
Vehicle Single
M21-Deruxtecan 3mg/kgSingle
M26-Deruxtecan 3mg/kgSingle
M26-Cpd3 3mg/kgSingle
M26-Cpd5 3mg/kgSingle

图 4

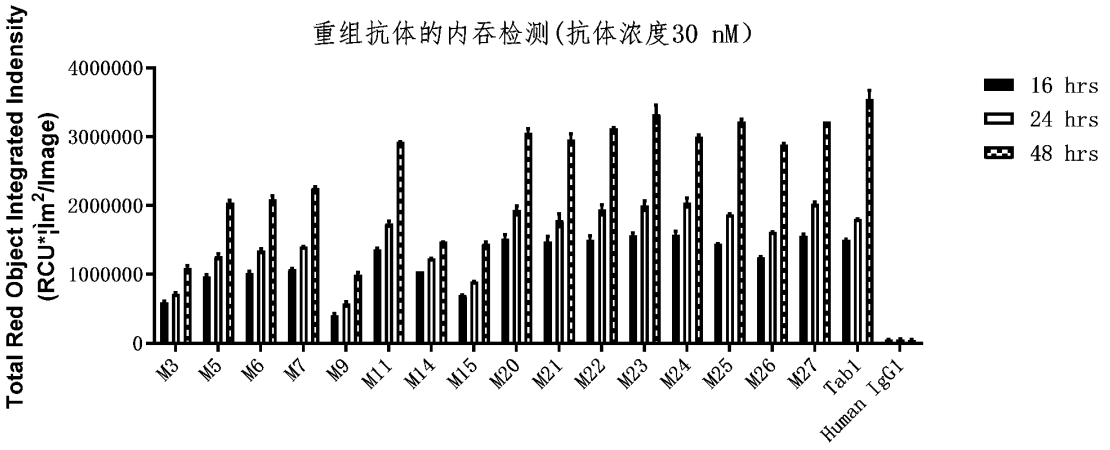

重组抗体的内吞检测(抗体浓度30 nM)
Total Red Object Integrated Indensity (RCU*μm²/Image)
4000000
3000000
2000000
1000000
0
16 hrs
24 hrs
48 hrs
M3
M5
M6
M7
M9
M11
M14
M15
M20
M21
M22
M23
M24
M25
M26
M27
Tab1
Human IgG1

图 5

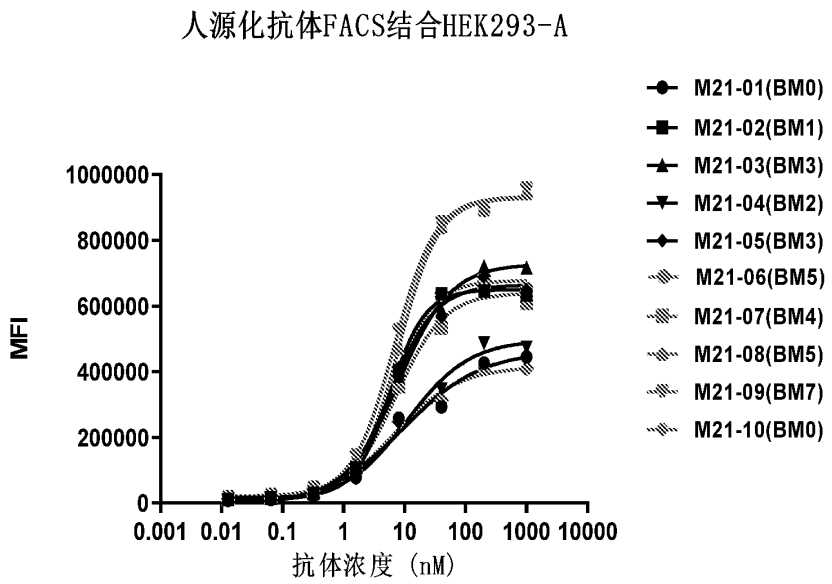

人源化抗体FACS结合HEK293-A
MFI
1000000
800000
600000
400000
200000
0
0.001 0.01 0.1 1 10 100 1000 10000
抗体浓度 (nM)
M21-01(BM0)
M21-02(BM1)
M21-03(BM3)
M21-04(BM2)
M21-05(BM3)
M21-06(BM5)
M21-07(BM4)
M21-08(BM5)
M21-09(BM7)
M21-10(BM0)

图 6A

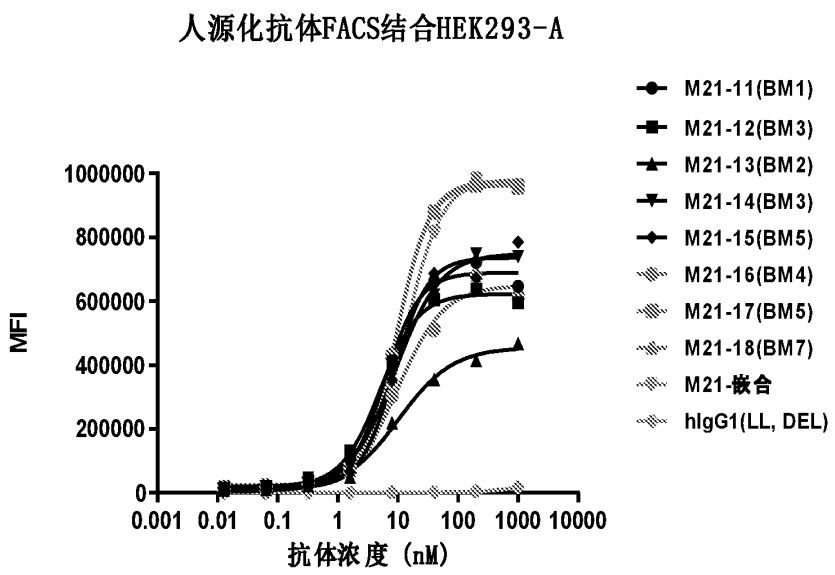

人源化抗体FACS结合HEK293-A
M21-11(BM1)
M21-12(BM3)
M21-13(BM2)
M21-14(BM3)
M21-15(BM5)
M21-16(BM4)
M21-17(BM5)
M21-18(BM7)
M21-嵌合
hIgG1(LL, DEL)
MFI
1000000
800000
600000
400000
200000
0
0.001 0.01 0.1 1 10 100 1000 10000
抗体浓度（nM）

图 6B

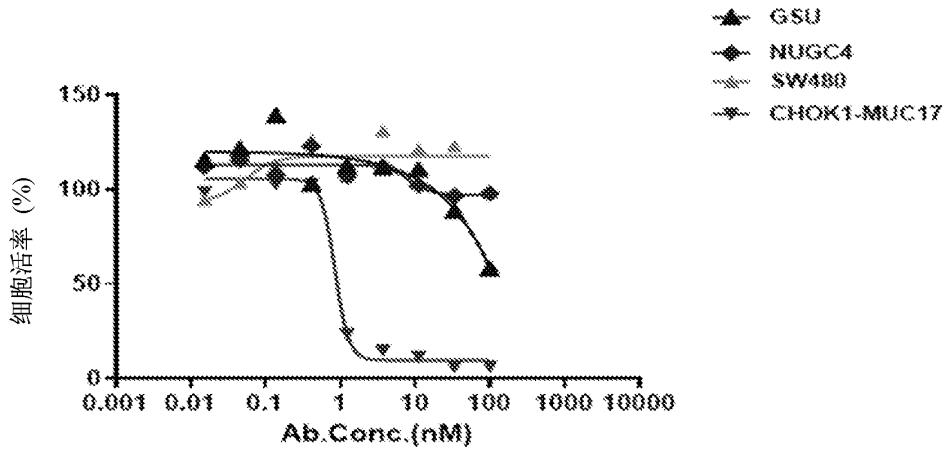

GSU
NUGC4
SW480
CHOK1-MUC17
细胞活率（%）
150
100
50
0
0.001 0.01 0.1 1 10 100 1000 10000
Ab.Conc.(nM)

图 7

采用 FACS 对 MDA-MB-468/GS-MUC17
进行旁杀伤效应测定

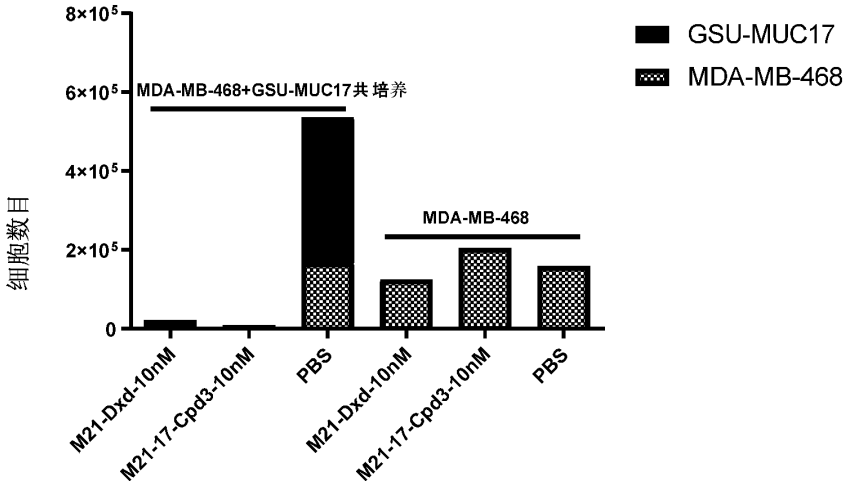


图 8A

采用 FACS 对 HCC-827/GS-MUC17
进行旁杀伤效应测定

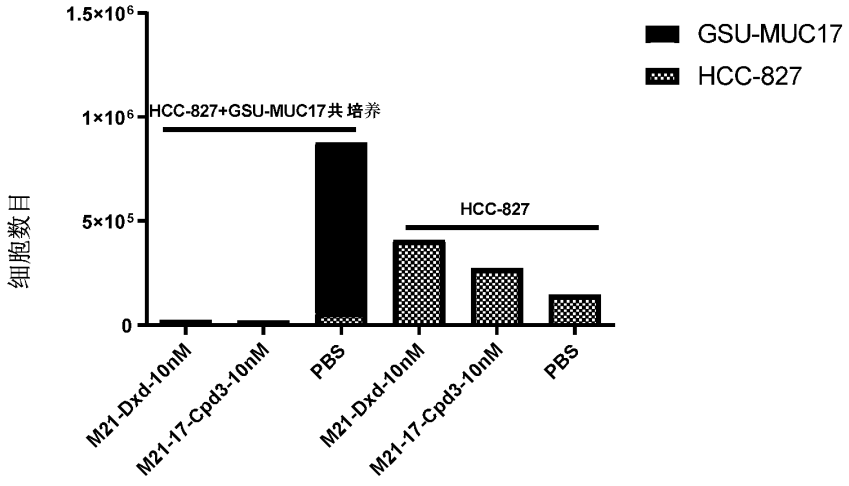


图 8B

采用 FACS 对 NUGC4-GFP/GS-MUC17
进行旁杀伤效应测定

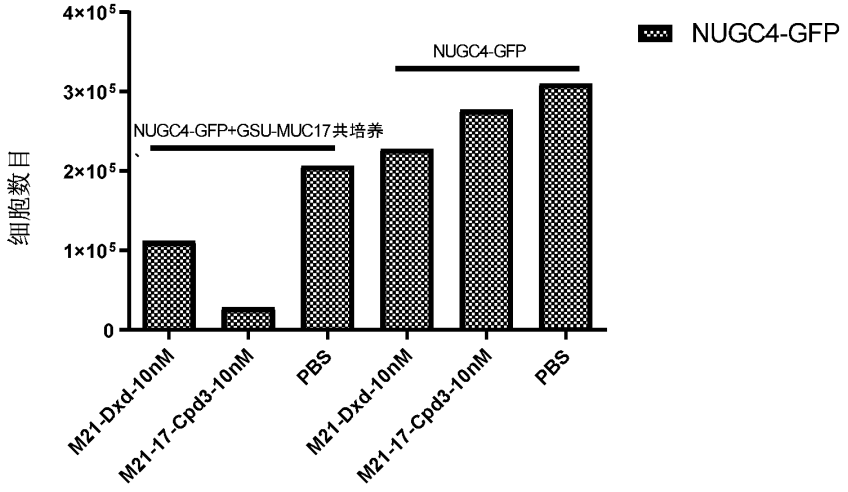


图 8C

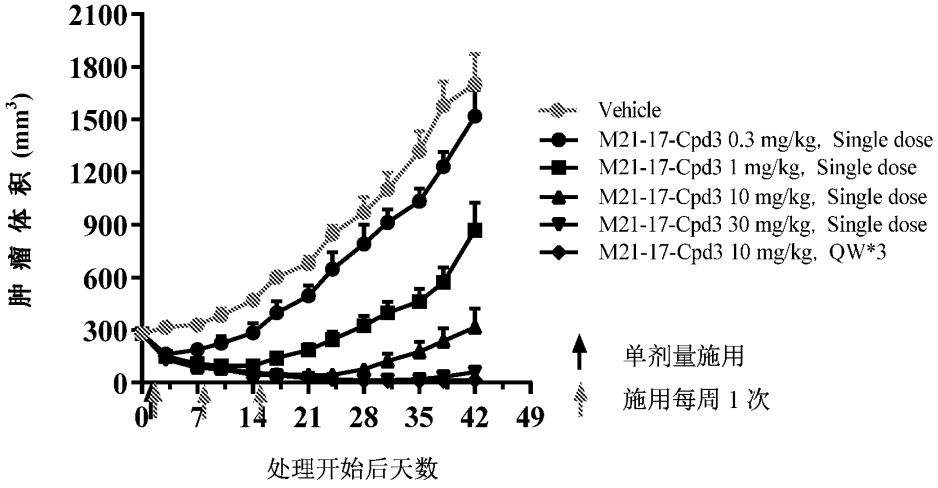


图 9

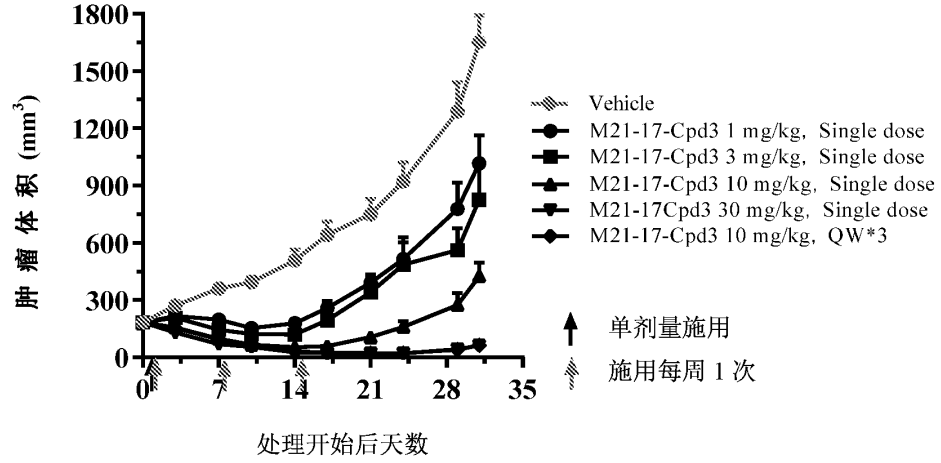

1800
1500
1200
900
600
300
0
肿瘤体积 (mm3)
0
7
14
21
28
35
Vehicle
M21-17-Cpd3 1 mg/kg, Single dose
M21-17-Cpd3 3 mg/kg, Single dose
M21-17-Cpd3 10 mg/kg, Single dose
M21-17Cpd3 30 mg/kg, Single dose
M21-17-Cpd3 10 mg/kg, QW*3
单剂量施用
施用每周 1 次
处理开始后天数

图 10

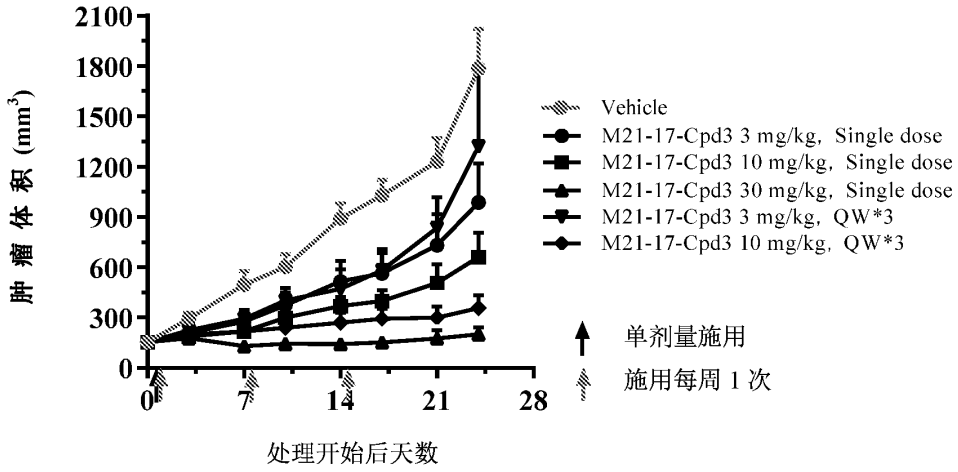
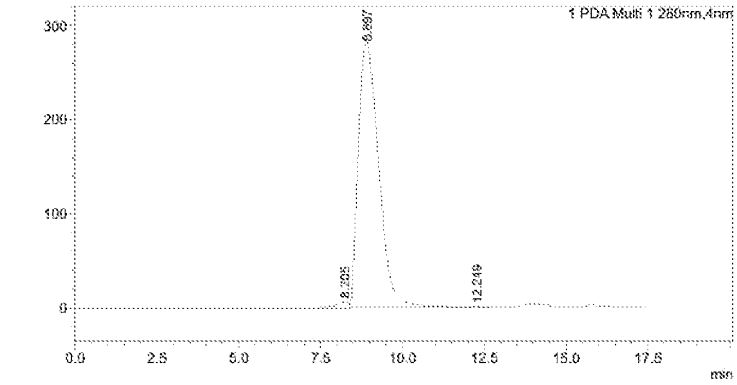

2100
1800
1500
1200
900
600
300
0
肿瘤体积 (mm3)
0
7
14
21
28
Vehicle
M21-17-Cpd3 3 mg/kg, Single dose
M21-17-Cpd3 10 mg/kg, Single dose
M21-17-Cpd3 30 mg/kg, Single dose
M21-17-Cpd3 3 mg/kg, QW*3
M21-17-Cpd3 10 mg/kg, QW*3
单剂量施用
施用每周 1 次
处理开始后天数

图 11

<Chromatogram>



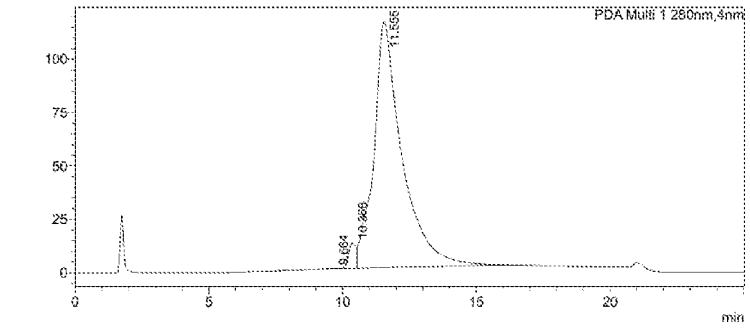
<Peak Table>

PDA Ch1 280nm

Peak#	Ret. Time	USP Width	Height	Area	S/N	Area%
1	8.205	0.793	6509	165534	21.48	1.331
2	8.897	1.133	284898	12250022	940.41	98.511
3	12.249	1.037	855	19627	2.82	0.158
Total				12435182		100.000

图 12

<Chromatogram>

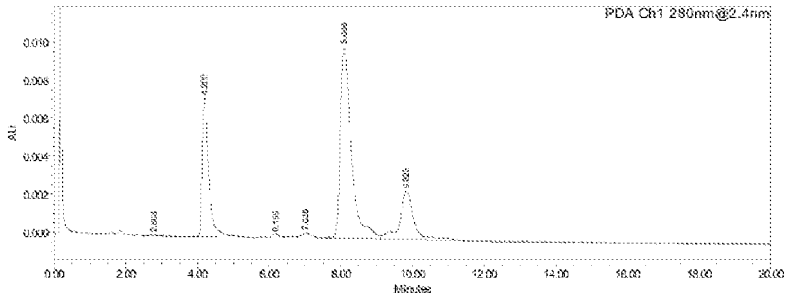


<Peak Table>

PDA Ch1 280nm

Peak#	Ret. Time	USP [illegible]	Height	Area	S/N	[illegible]%
1	9.664	1.033	159	3580	0.19	0.041
2	10.366	1.142	11949	226839	14.25	2.593
3	11.555	1.608	115451	8519386	137.68	97.367
[illegible]			127559	8749806		100.000

图 13



Peak Results

	RT	Width (sec)	Height	Area	% Area
1	2.803	33.40	66	797	0.20
2	4.200	91.20	7338	95517	24.47
3	6.199	44.70	172	3188	0.82
4	7.029	53.00	271	5405	1.38
5	8.099	87.30	10115	214956	55.08
6	9.825	139.90	2546	70412	18.04

图 14