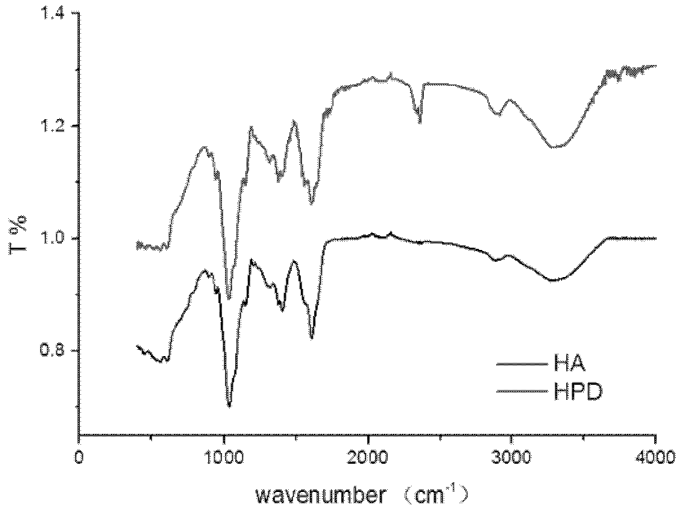
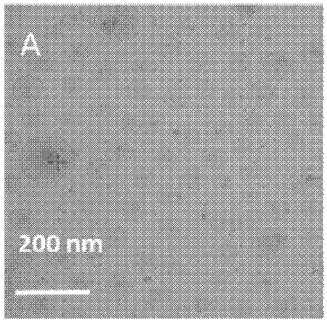
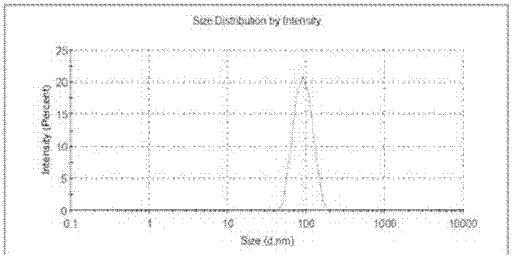


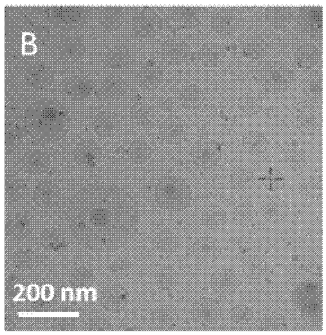
图 1



D

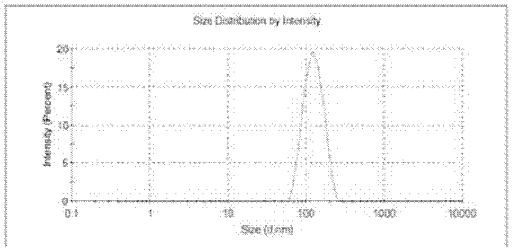
		Size (d.n...	% Intensity:	St Dev (d.n...
Z-Average (d.nm):	Peak 1:	93.88	100.0	24.26
PdI:	Peak 2:	0.000	0.0	0.000
Intercept:	Peak 3:	0.000	0.0	0.000
Result quality				

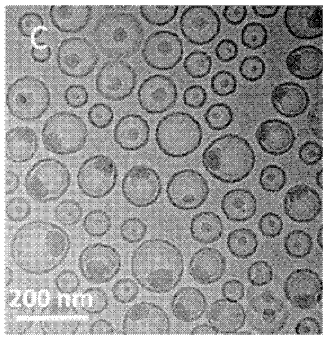




E

		Size (d.n...	% Intensity:	St Dev (d.n...
Z-Average (d.nm):	Peak 1:	128.4	100.0	35.04
PdI:	Peak 2:	0.000	0.0	0.000
Intercept:	Peak 3:	0.000	0.0	0.000
Result quality				





F

		Size (d.n...	% Intensity:	St Dev (d.n...
Z-Average (d.nm):	Peak 1:	159.7	100.0	36.75
PdI:	Peak 2:	0.000	0.0	0.000
Intercept:	Peak 3:	0.000	0.0	0.000
Result quality				

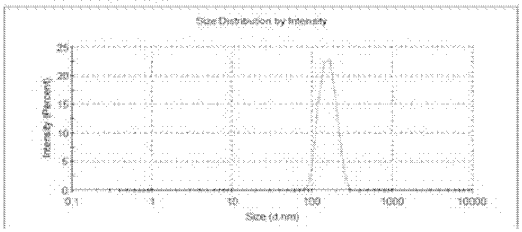


图 2

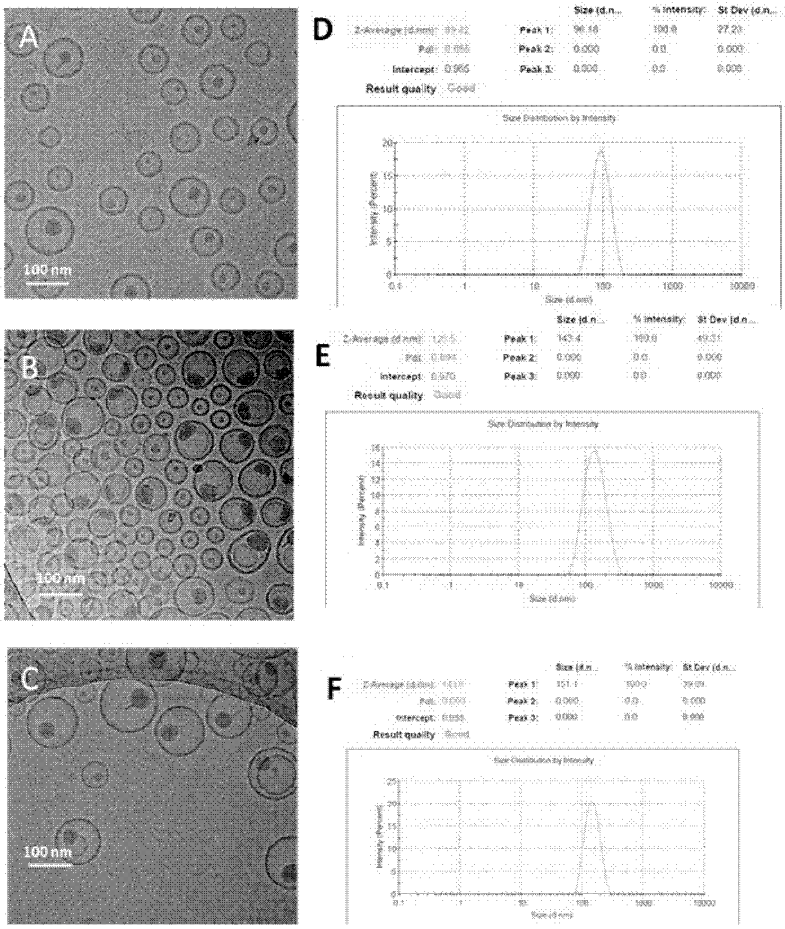

A
100 nm
D
Size (d.n...
% Intensity:
St Dev (d.n...
Peak 1:
Peak 2:
Peak 3:
Intercept:
Result quality
Size Distribution by Intensity
B
100 nm
E
C
100 nm
F

图 3

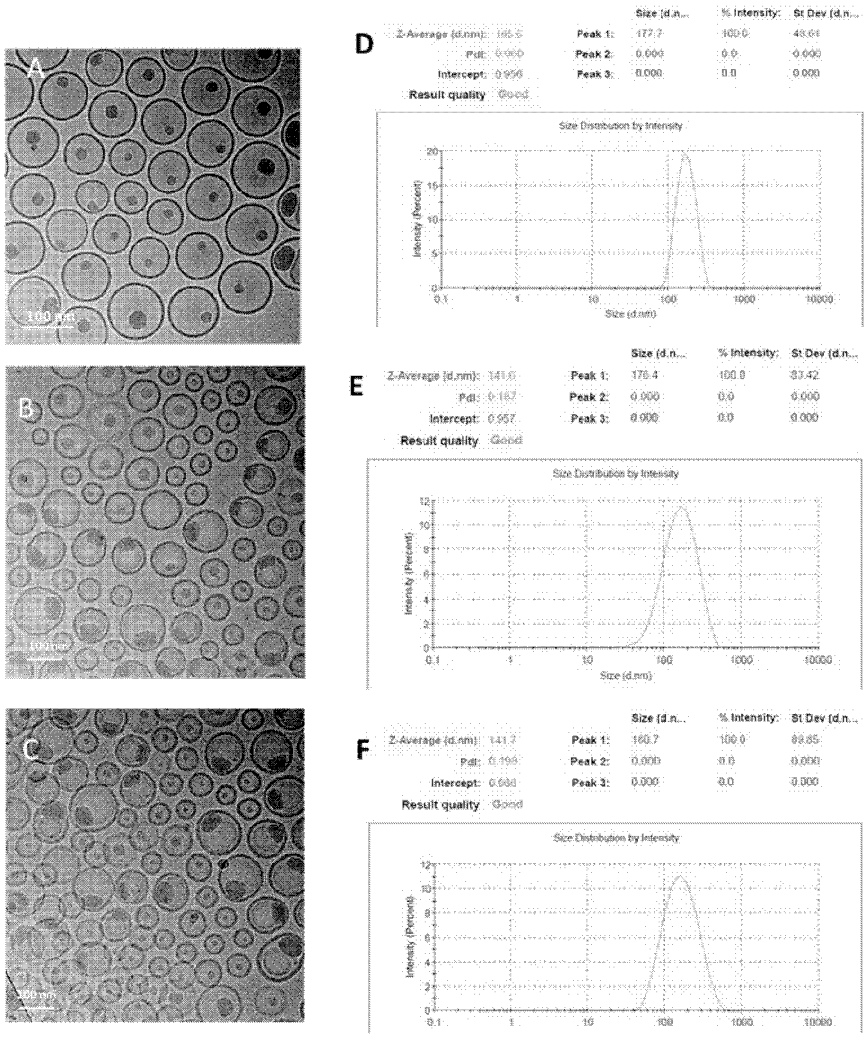

A
100 nm
B
100 nm
C
200 nm
D
Size (d.n... % Intensity: St Dev (d.n...
Z-Average (d.nm): 185.5 Peak 1: 177.7 100.0 48.64
PdI: 0.060 Peak 2: 0.000 0.0 0.000
Intercept: 0.956 Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)
E
Size (d.n... % Intensity: St Dev (d.n...
Z-Average (d.nm): 141.6 Peak 1: 176.4 100.0 83.42
PdI: 0.167 Peak 2: 0.000 0.0 0.000
Intercept: 0.957 Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)
F
Size (d.n... % Intensity: St Dev (d.n...
Z-Average (d.nm): 141.7 Peak 1: 160.7 100.0 89.85
PdI: 0.199 Peak 2: 0.000 0.0 0.000
Intercept: 0.968 Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)

图 4

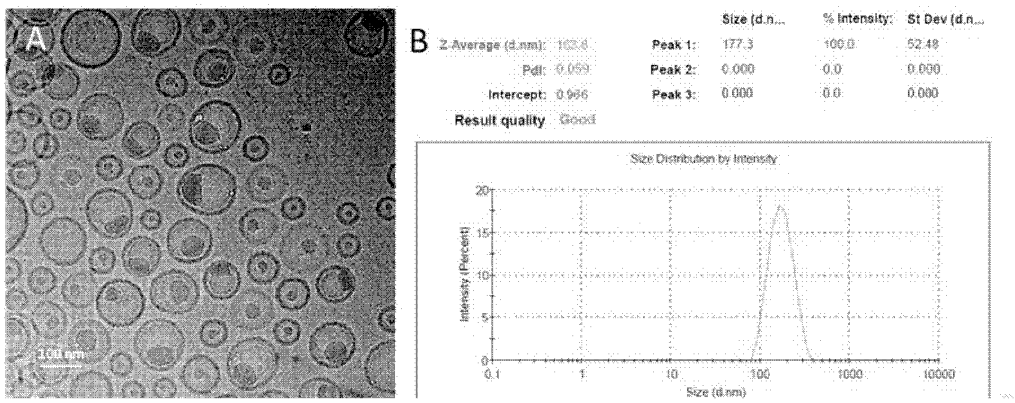

A
100 nm
B
Z-Average (d.nm): 182.6
PdI: 0.059
Intercept: 0.966
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 177.3 100.0 52.48
Peak 2: 0.000 0.0 0.000
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 5

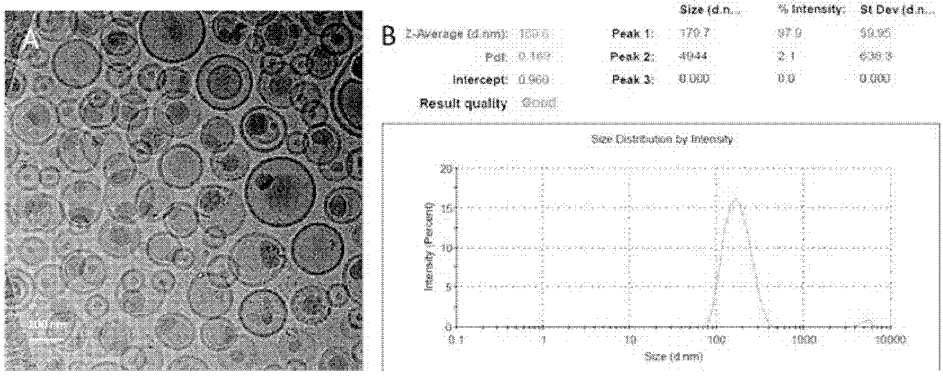

A
100 nm
B
Z-Average (d.nm): 169.6
PdI: 0.169
Intercept: 0.960
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 179.7 97.9 59.95
Peak 2: 4944 2.1 636.9
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 6

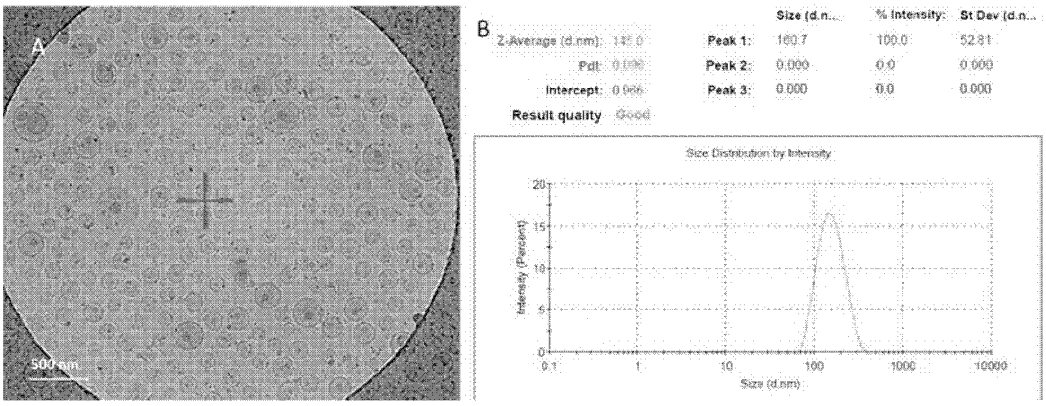

A
500 nm
B
Z-Average (d.nm): 145.0
PdI: 0.000
Intercept: 0.966
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 160.7 100.0 52.81
Peak 2: 0.000 0.0 0.000
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 7

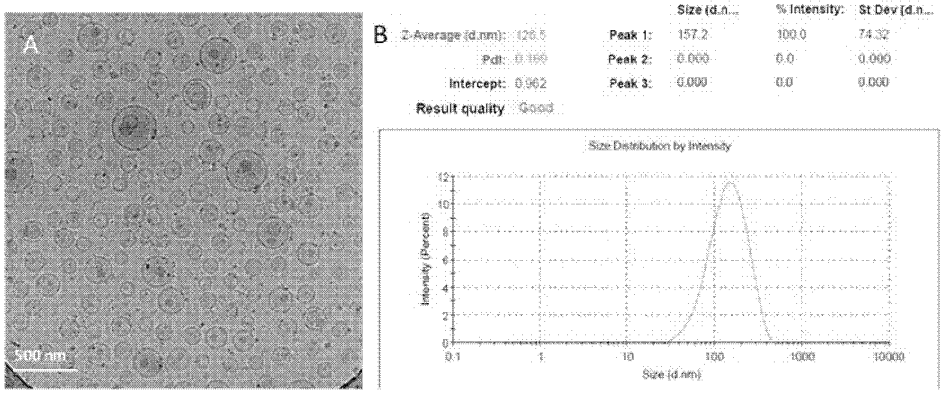

A
500 nm
B
Z-Average (d.nm): 126.5
PdI: 0.000
Intercept: 0.962
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 157.2 100.0 74.32
Peak 2: 0.000 0.0 0.000
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 8

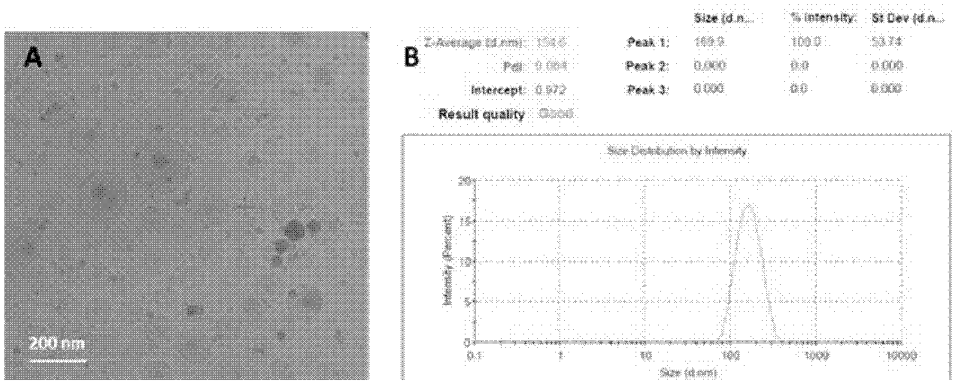

A
200 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm):
Peak 1:
Peak 2:
Peak 3:
PdI:
Intercept:
Result quality
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 9

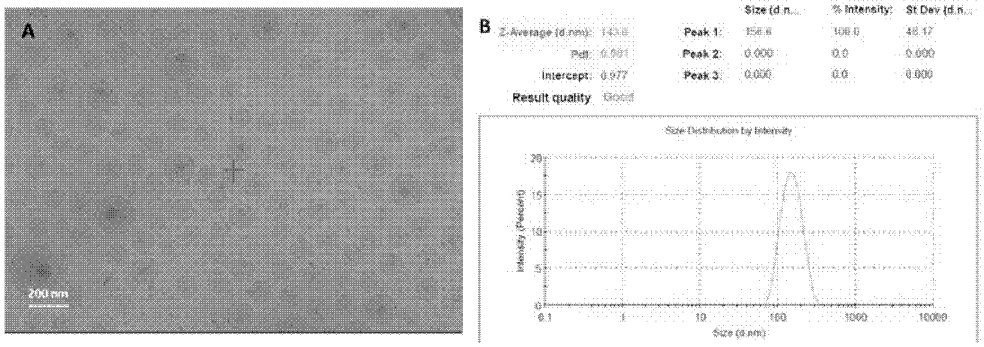

A
200 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm):
Peak 1:
Peak 2:
Peak 3:
PdI:
Intercept:
Result quality
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 10

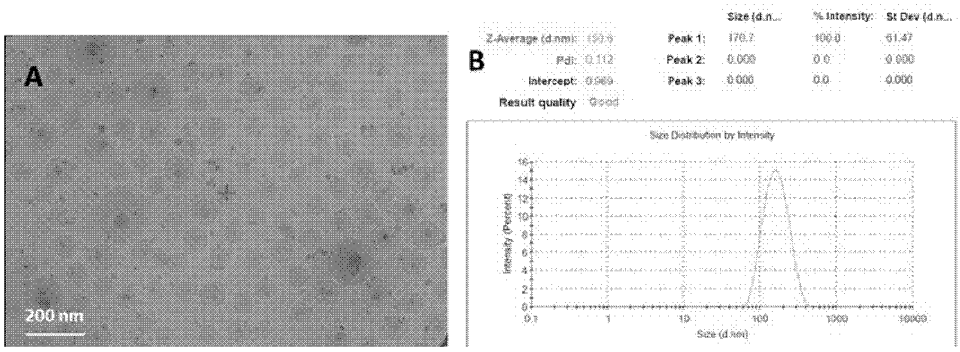

A
200 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm):
Peak 1:
Pdi:
Peak 2:
Intercept:
Peak 3:
Result quality
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 11

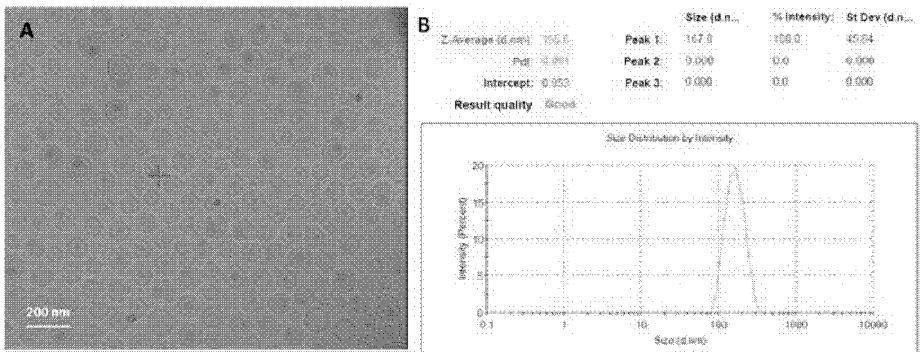

A
200 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Peak 1:
Peak 2:
Peak 3:
Result quality
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 12

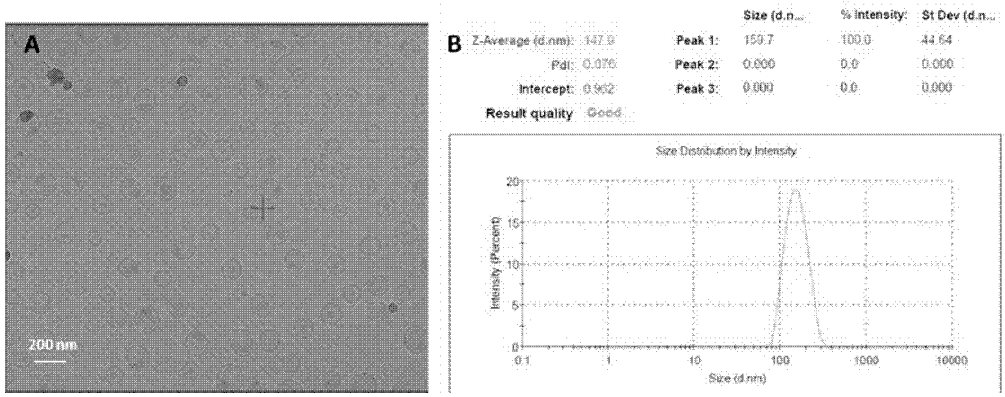

A
200 nm
B
Size (d.n... % Intensity: St Dev (d.n...
Z-Average (d.nm): 147.9 Peak 1: 159.7 100.0 44.64
PdI: 0.076 Peak 2: 0.000 0.0 0.000
Intercept: 0.962 Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 13

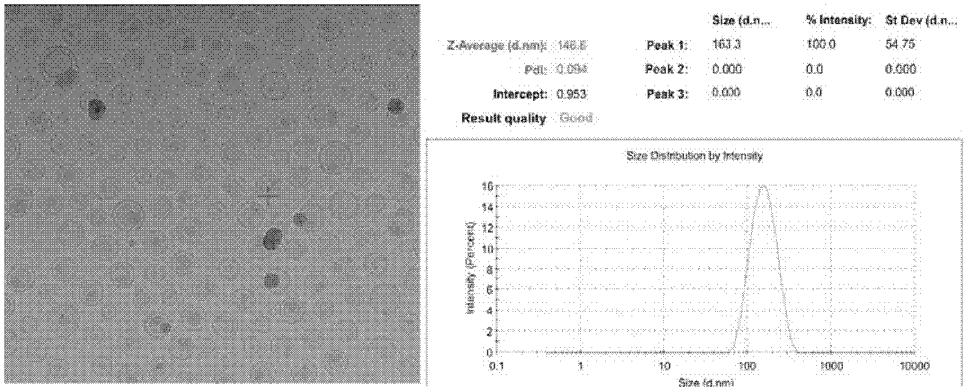

Size (d.n... % Intensity: St Dev (d.n...
Z-Average (d.nm): 146.8 Peak 1: 163.3 100.0 54.75
PdI: 0.094 Peak 2: 0.000 0.0 0.000
Intercept: 0.953 Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 14

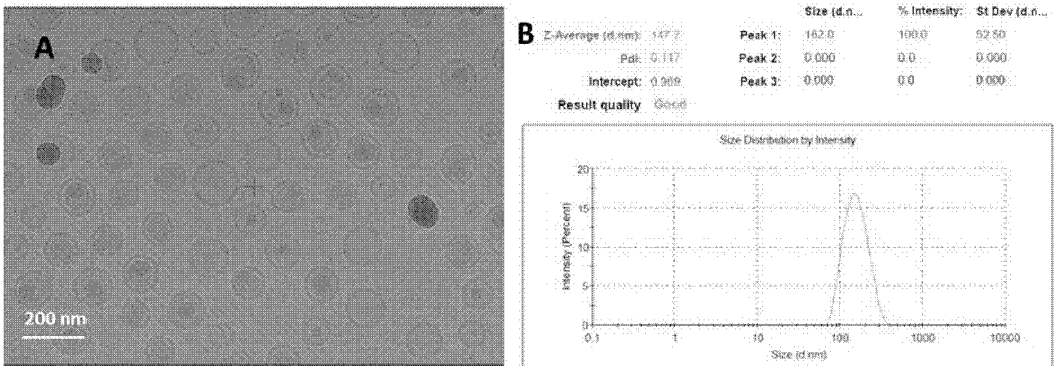

A
200 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 147.7
Peak 1: 162.0 100.0 52.50
PdI: 0.117
Peak 2: 0.000 0.0 0.000
Intercept: 0.909
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 15

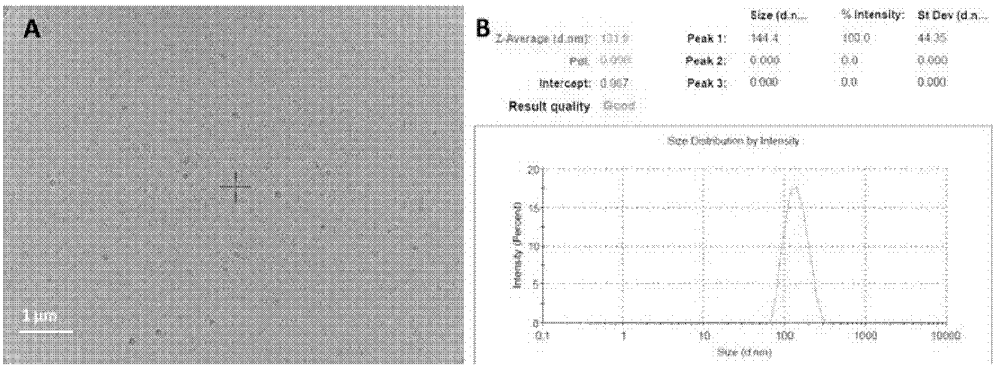

A
1 µm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 131.9
Peak 1: 144.4 100.0 44.35
PdI: 0.095
Peak 2: 0.000 0.0 0.000
Intercept: 0.967
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 16

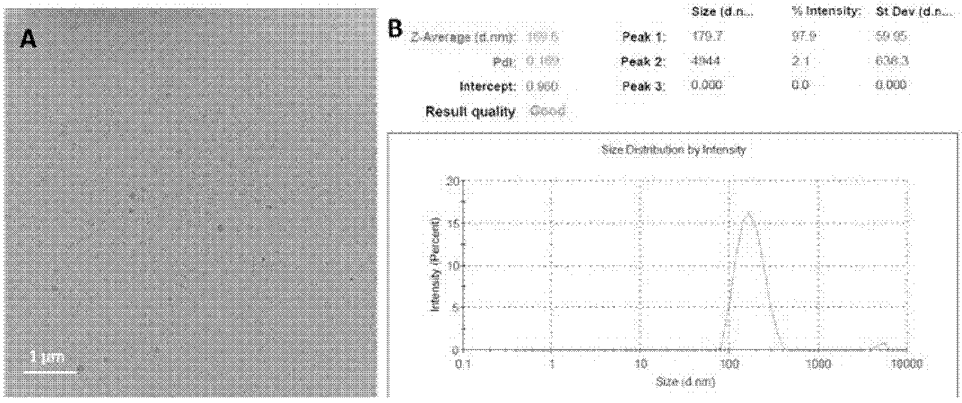

A
1 μm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 169.6
Peak 1: 179.7 97.9 59.95
PdI: 0.169
Peak 2: 4944 2.1 636.3
Intercept: 0.960
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 17

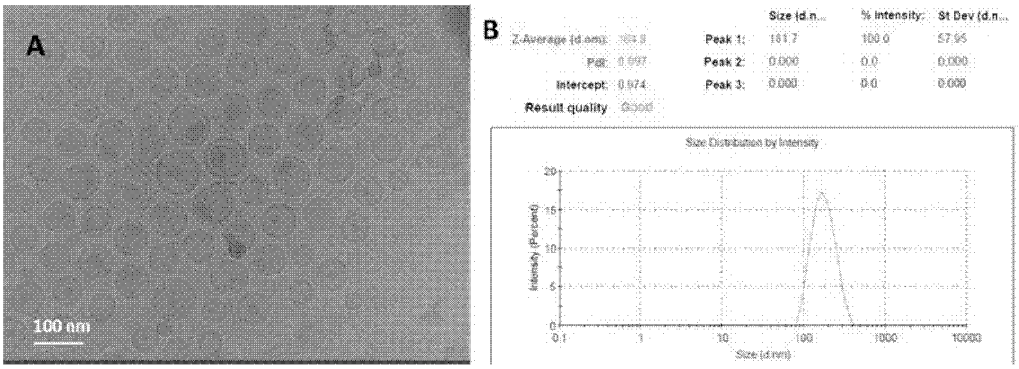

A
100 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 164.8
Peak 1: 181.7 100.0 57.95
PdI: 0.097
Peak 2: 0.000 0.0 0.000
Intercept: 0.974
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 18

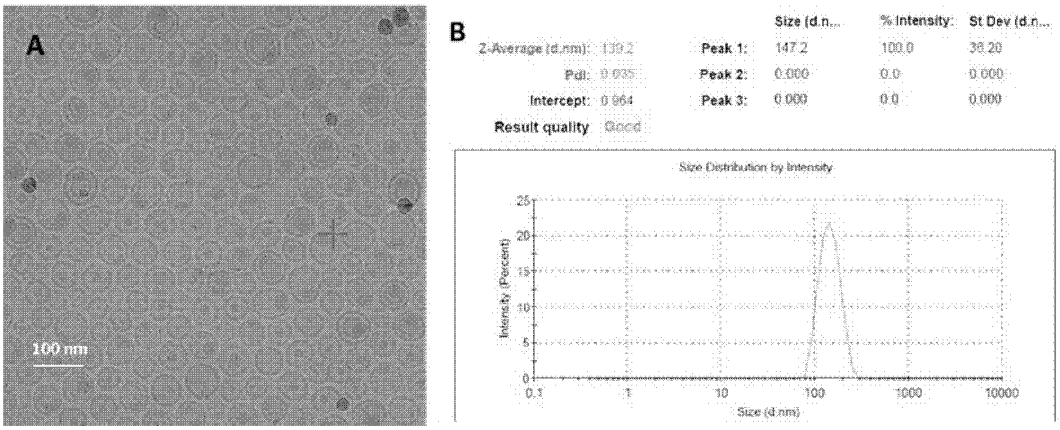

A
100 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 139.2
Peak 1: 147.2 100.0 38.20
PdI: 0.035
Peak 2: 0.000 0.0 0.000
Intercept: 0.964
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 19

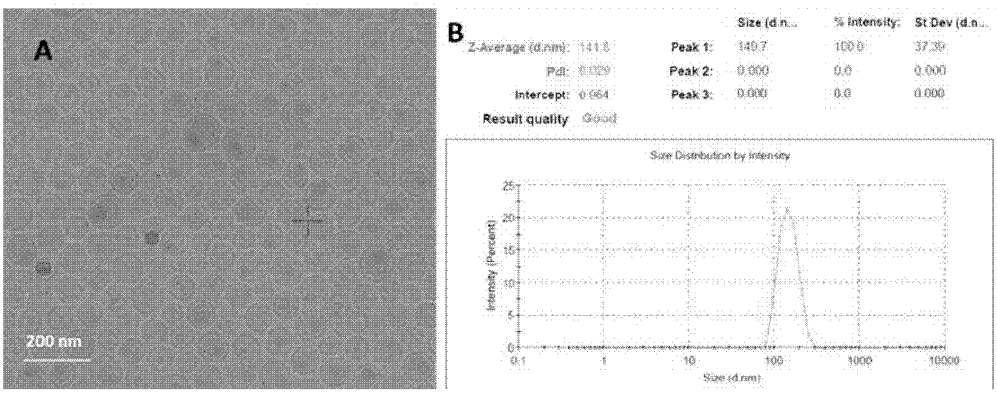

A
200 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 141.8
Peak 1: 140.7 100.0 37.39
PdI: 0.029
Peak 2: 0.000 0.0 0.000
Intercept: 0.964
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

图 20

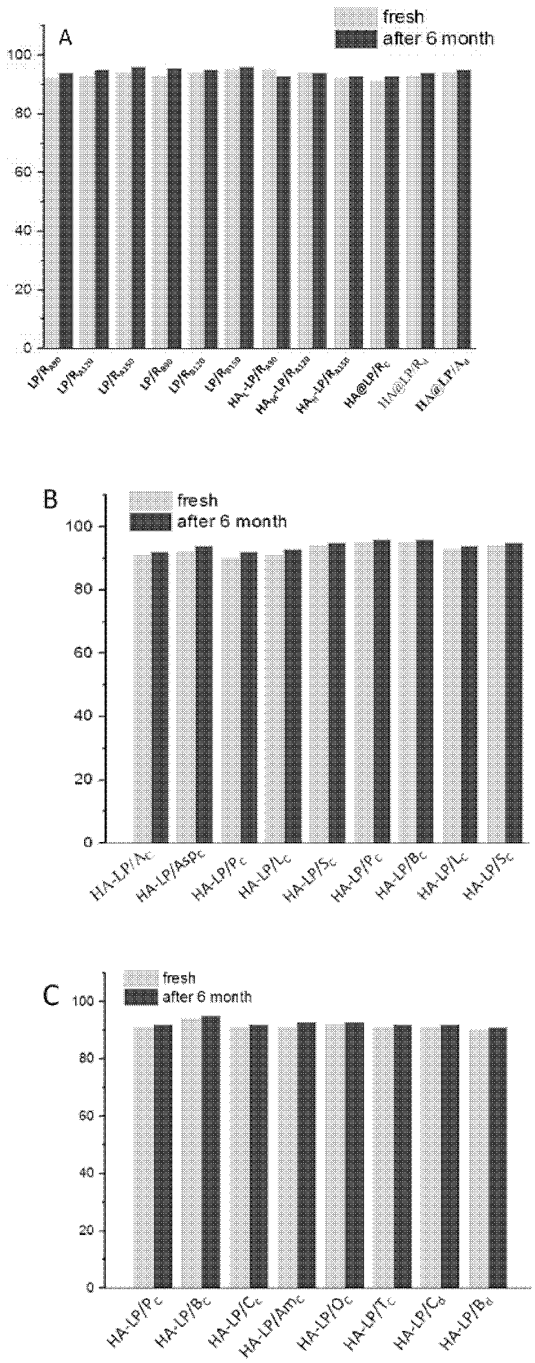

A
fresh
after 6 month
100
80
60
40
20
0
B
fresh
after 6 month
100
80
60
40
20
0
HA-LP/Ac
HA-LP/Asp
HA-LP/Pc
HA-LP/Lc
HA-LP/Sc
HA-LP/Pc
HA-LP/Bc
HA-LP/Lc
HA-LP/Sc
C
fresh
after 6 month
100
80
60
40
20
0
HA-LP/Pc
HA-LP/Bc
HA-LP/Cc
HA-LP/Amc
HA-LP/Oc
HA-LP/Tc
HA-LP/Cd
HA-LP/Bd

图 21

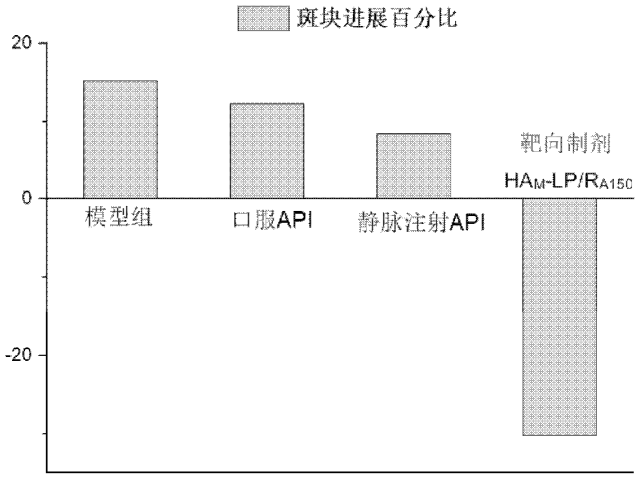

斑块进展百分比
20
0
-20
模型组
口服API
静脉注射API
靶向制剂
HAM-LP/RA150

图 22

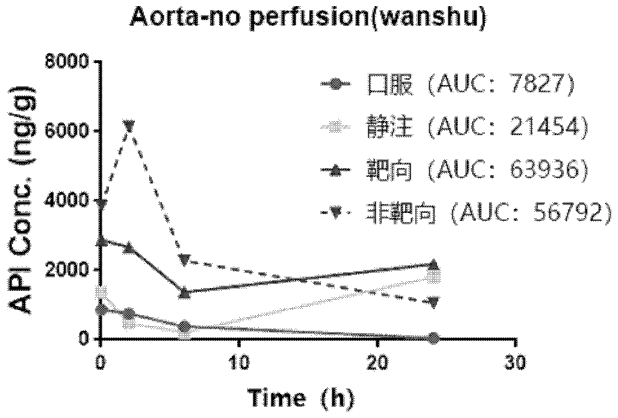

Aorta-no perfusion(wanshu)
API Conc. (ng/g)
8000
6000
4000
2000
0
0
10
20
30
Time (h)
口服 (AUC: 7827)
静注 (AUC: 21454)
靶向 (AUC: 63936)
非靶向 (AUC: 56792)

图 23

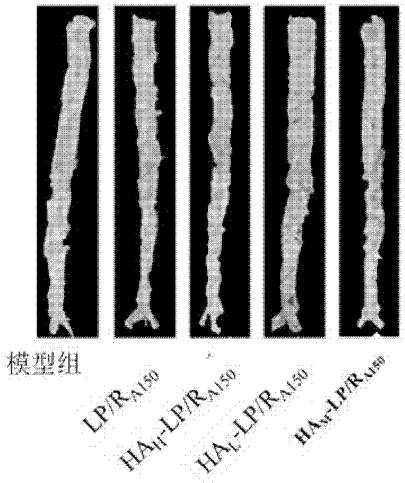

模型组
LP/RA150
HAH-LP/RA150
HAL-LP/RA150
HAM-LP/RA150

图 24a

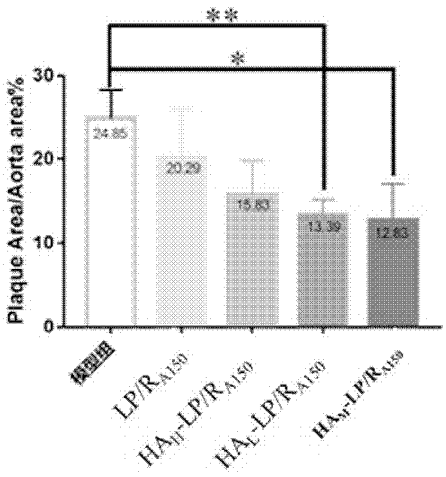

**
*
Plaque Area/Aorta area%
30
20
10
0
24.85
20.29
15.83
13.39
12.83
模型组
LP/RA150
HAH-LP/RA150
HAL-LP/RA150
HAM-LP/RA150

图 24b

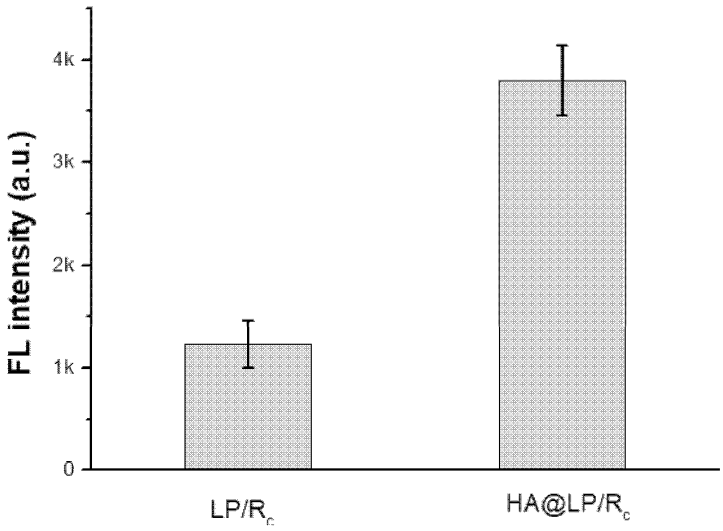


图 25

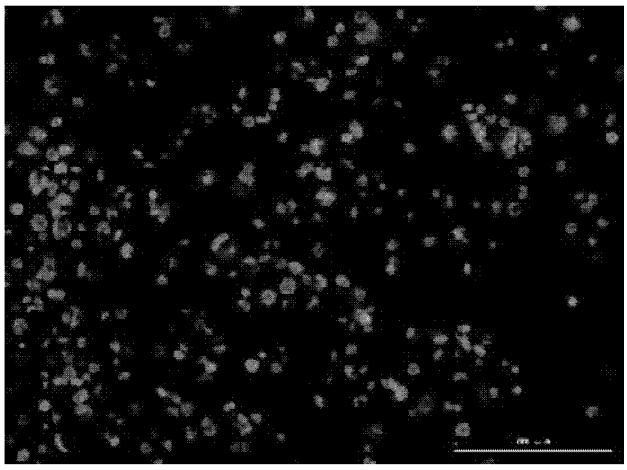


图 26a

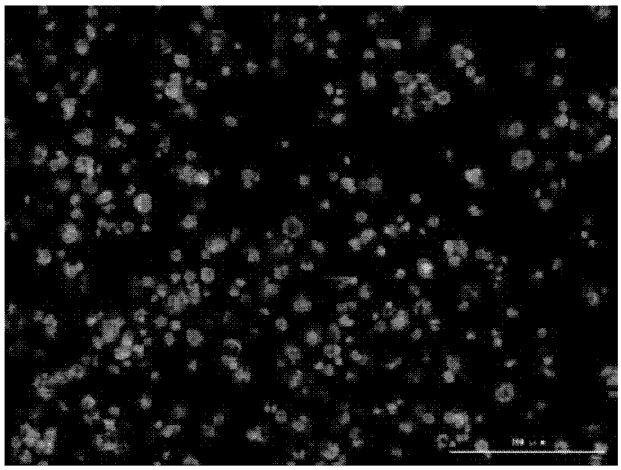


图 26b

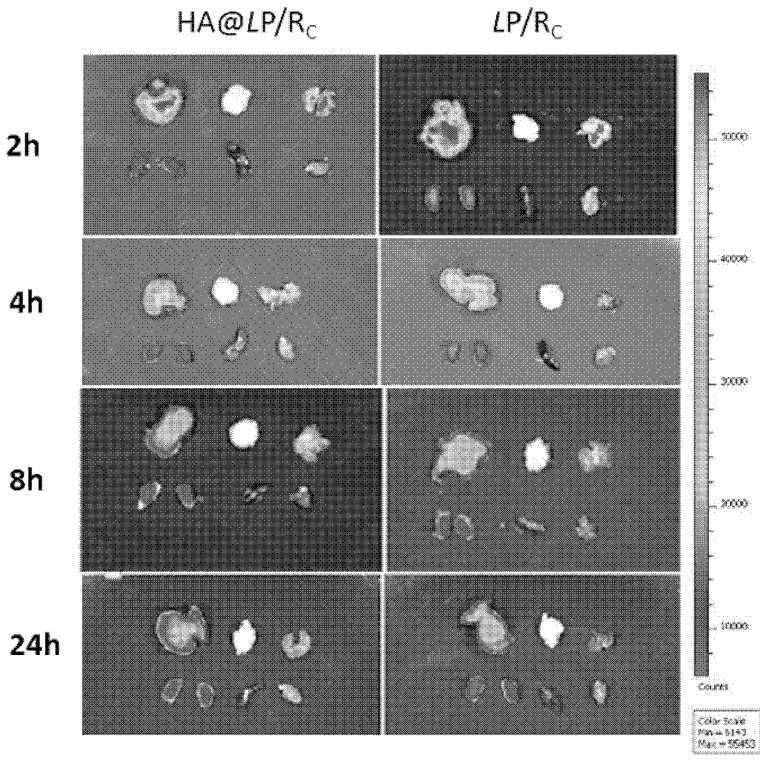

HA@LP/R$_C$
LP/R$_C$
2h
4h
8h
24h
50000
40000
30000
20000
10000
Counts

图 27

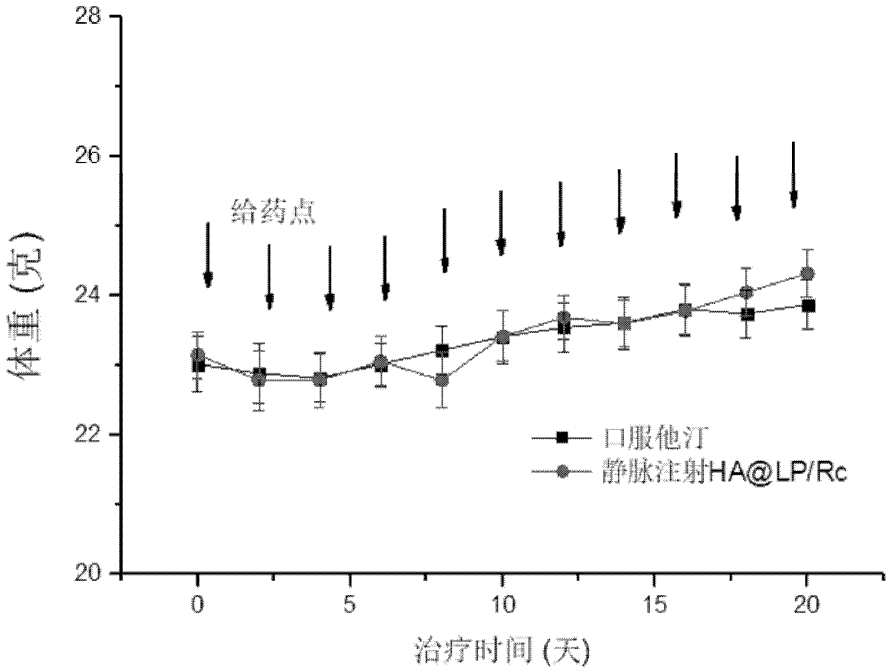


图 28

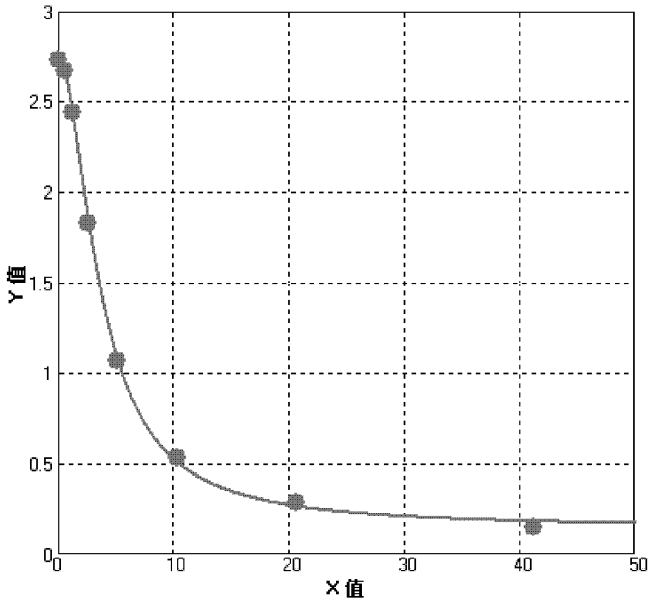


图 29