FIGURE 1A

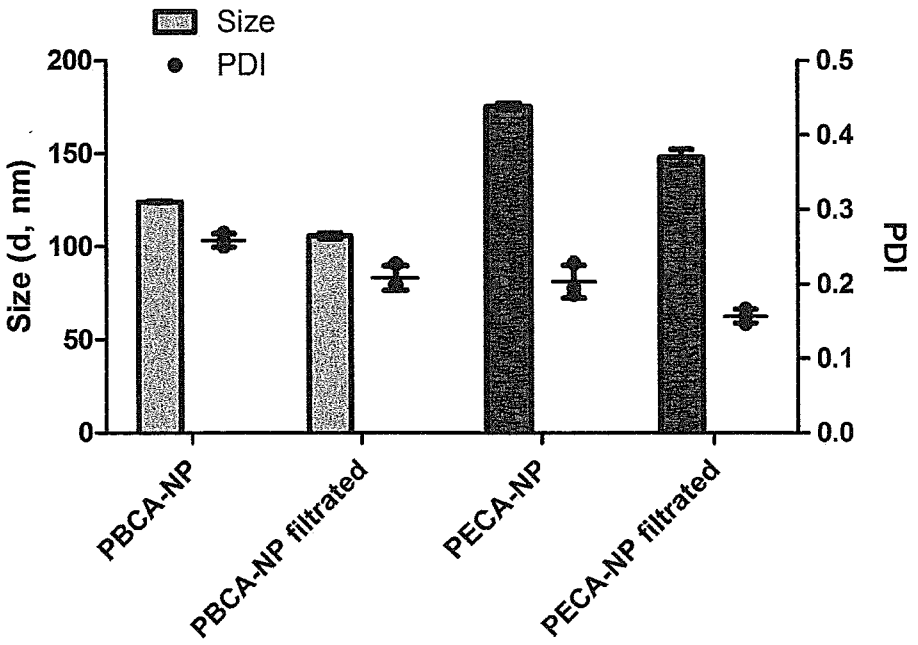


FIGURE 1B

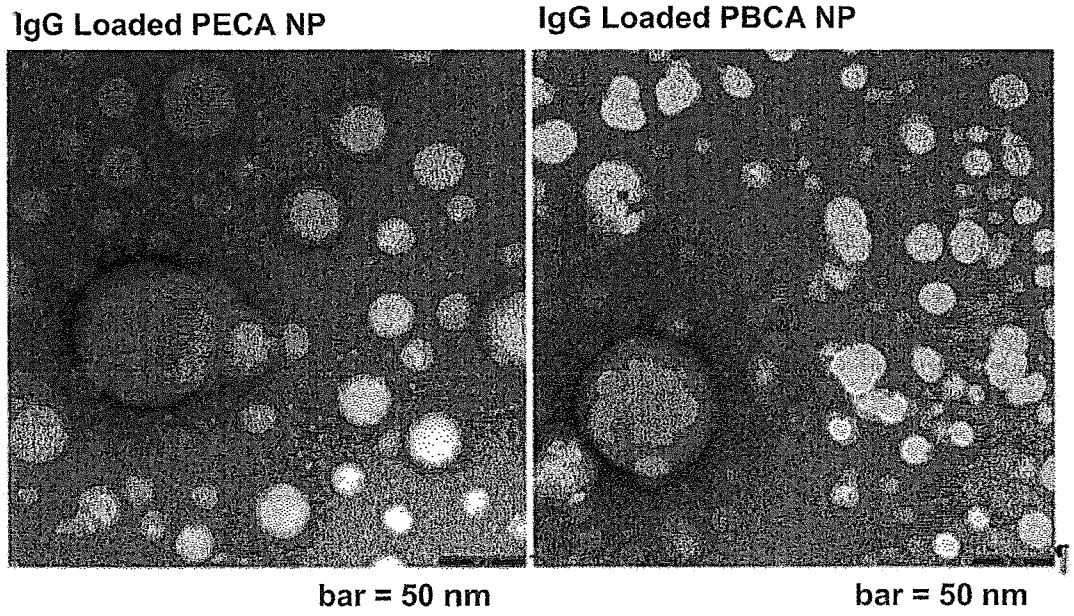


FIGURE 2

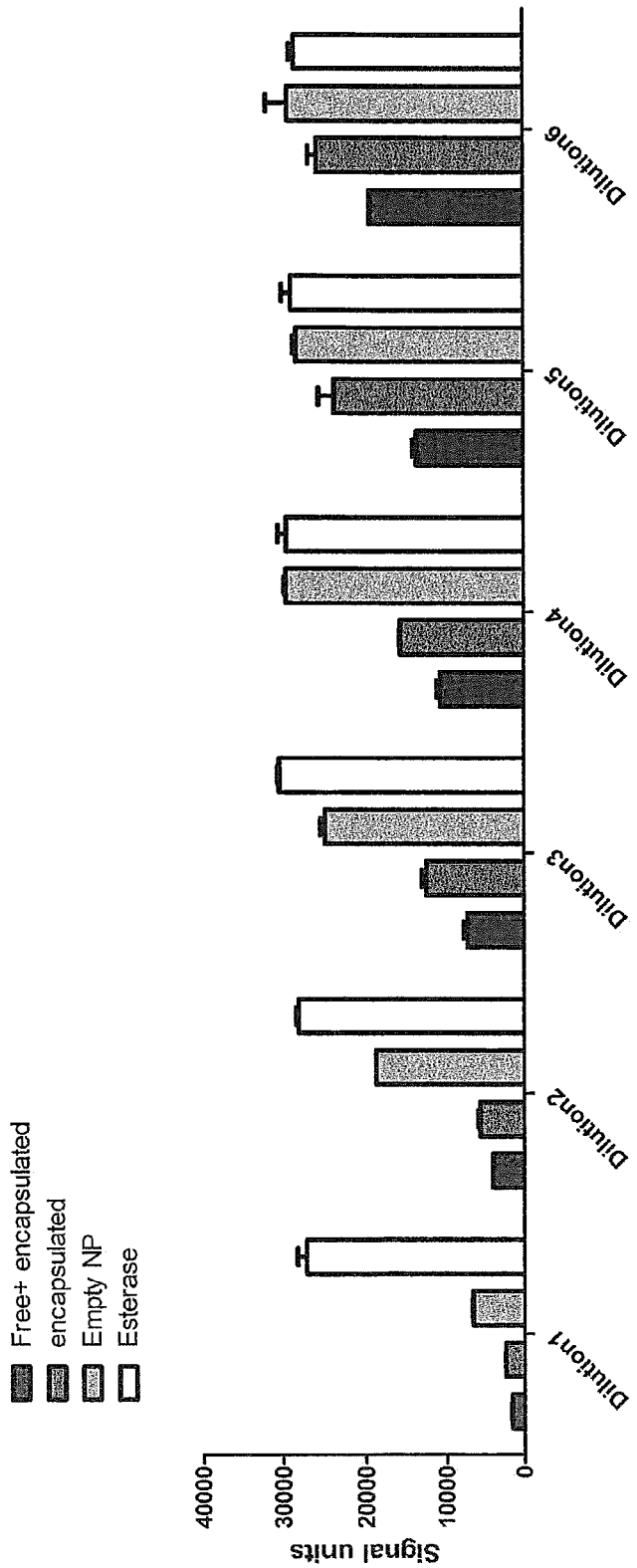

Free+ encapsulated
encapsulated
Empty NP
Esterase
Signal units
0
10000
20000
30000
40000
Dilution1
Dilution2
Dilution3
Dilution4
Dilution5
Dilution6

FIGURE 3

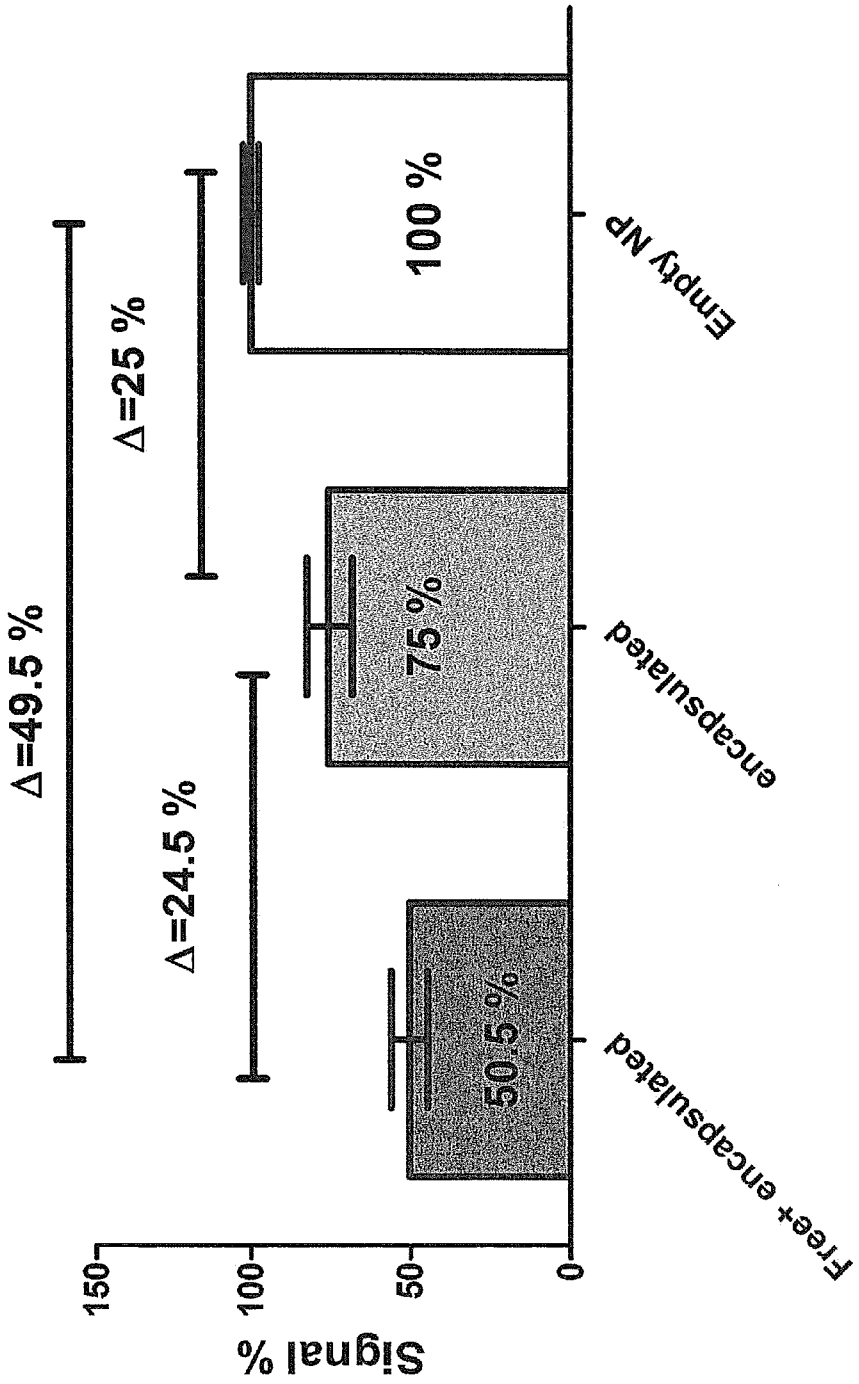
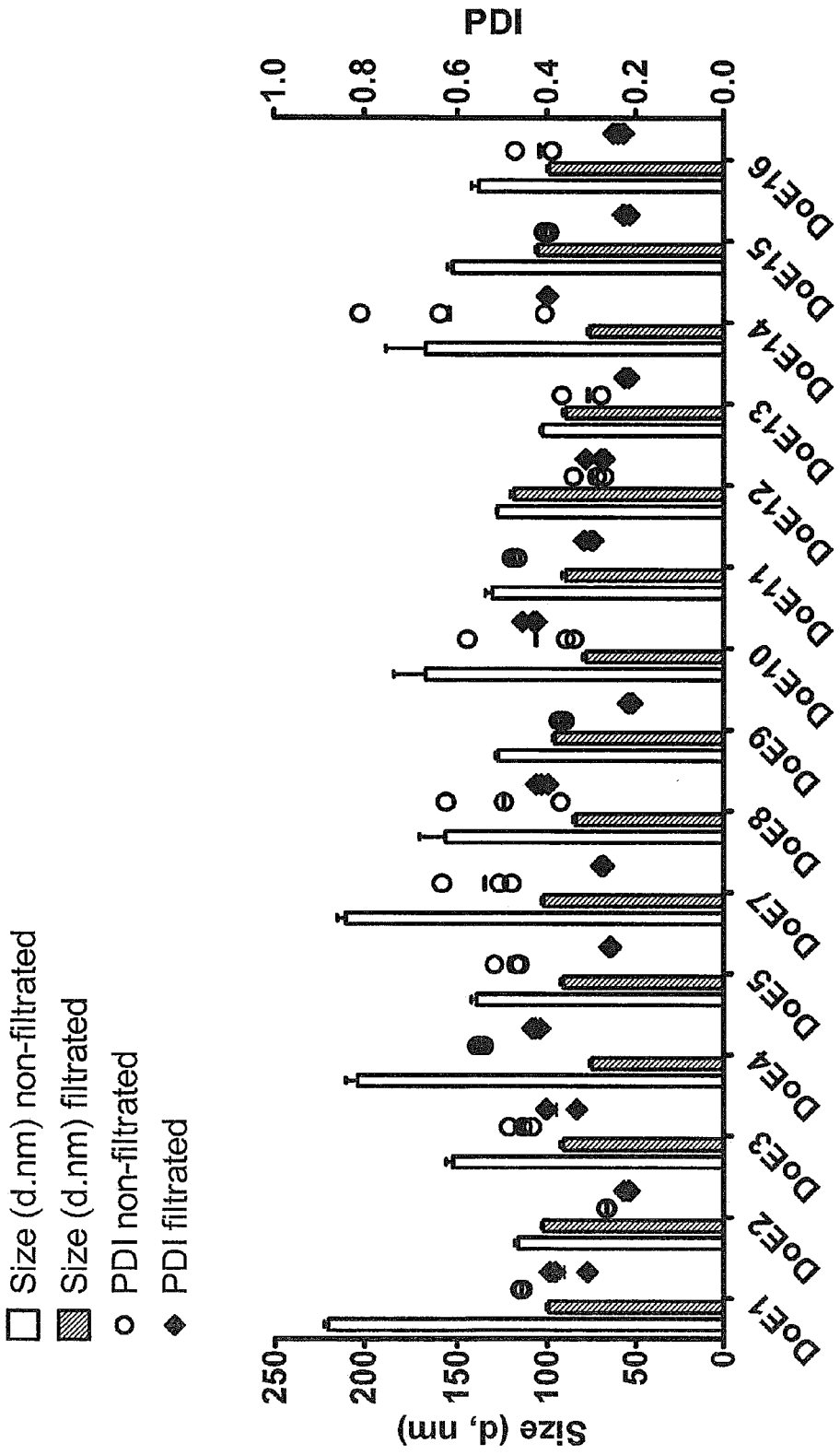

Signal %
150
100
50
0
Free+ encapsulated
encapsulated
Empty NP
50.5 %
75 %
100 %
Δ=24.5 %
Δ=25 %
Δ=49.5 %

FIGURE 4


PDI
1.0
0.8
0.6
0.4
0.2
0.0
DoE16
DoE15
DoE14
DoE13
DoE12
DoE11
DoE10
DoE9
DoE8
DoE7
DoE5
DoE4
DoE3
DoE2
DoE1
250
200
150
100
50
0
Size (d, nm)
Size (d.nm) non-filtrated
Size (d.nm) filtrated
PDI non-filtrated
PDI filtrated