

Supplementary Material

Construction of multifunctional carboxymethyl cellulose nanohydrogel carriers based on near-infrared DNA-templated quantum dots for tumor theragnostics

Yuezheng,^{*a} Shengquan He,^b Penghui Jin,^b Yabiao Gao,^b Ya Di,^a Liming Gao,^a and
Jidong Wang^{*b}

a.The First Hospital in Qinhuangdao Affiliated to Hebei Medical University, Qinhuangdao, China

b.Hebei Key Laboratory of Applied Chemistry, Nano-biotechnology Key Lab of Hebei Province, School of

Environmental and Chemical Engineering, Yanshan University, Qinhuangdao, China.

*corresponding author:

Yue Zheng Email: yuezheng1965@sina.com

Jidong Wang Email: wangjidong@ysu.edu.cn

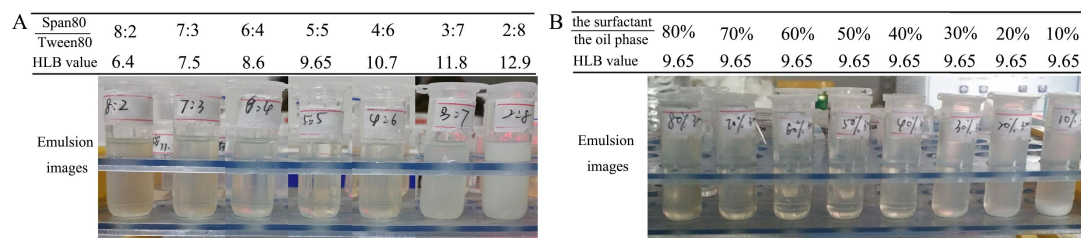


Figure S1 (A) Emulsification effects and images in different HLB values **(B)** effects and images of the amount of surfactant

Table S1 The effect of different demulsifying agents

	1 mL	2 mL	3 mL	4 mL	5 mL
Acetone	Clarify	Slightly turbid, with a little precipitation	Cloudy, with a large amount of precipitation at the bottom	Cloudy, with a large amount of precipitation at the bottom	Upper layer clear, and a large amount of precipitation at the bottom
Ethanol	Turbid with a little precipitation	Very turbid, with a little precipitation	Clarify	Clarify	Clarify