

Supplementary Information

DLS measurements of nanogels

	Size (d.nm):	% Intensity:	St Dev (d.nm):
Z-Average (d.nm): 87.67	Peak 1: 117.8	91.6	63.37
Pdl: 0.307	Peak 2: 20.87	5.5	4.801
Intercept: 0.965	Peak 3: 4238	2.9	1293
Result quality : Good			

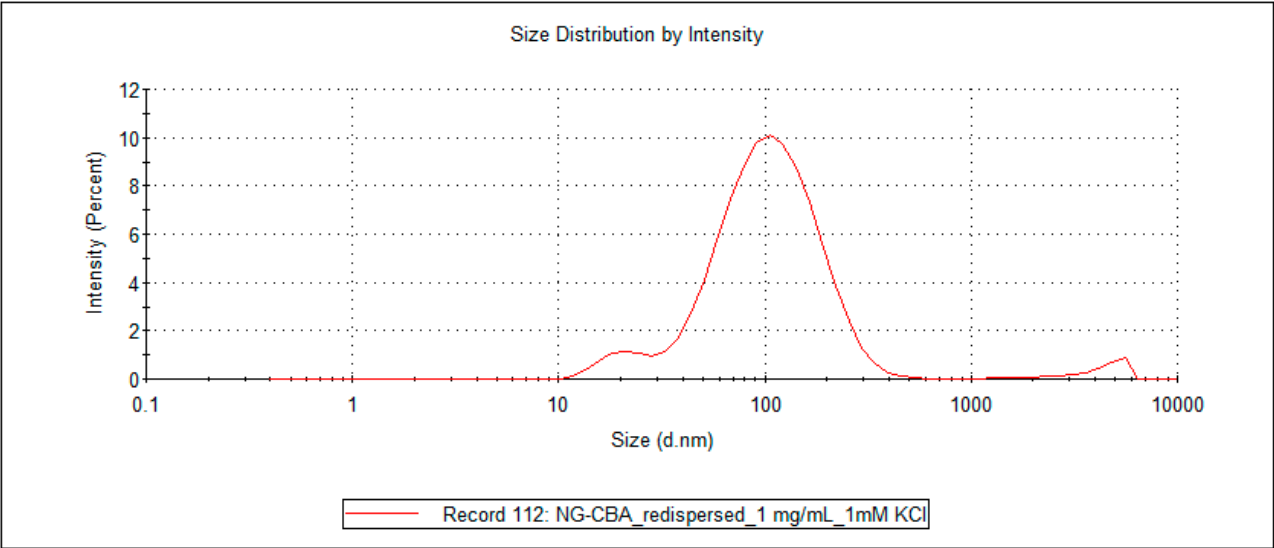


Figure S1. Average size distribution (d_H) of NG-CBA, ($n = 4$).

	Size (d.nm):	% Intensity:	St Dev (d.nm):
Z-Average (d.nm): 91.19	Peak 1: 142.3	83.8	73.17
Pdl: 0.380	Peak 2: 33.37	14.8	7.334
Intercept: 0.968	Peak 3: 5078	1.4	563.0
Result quality : Good			

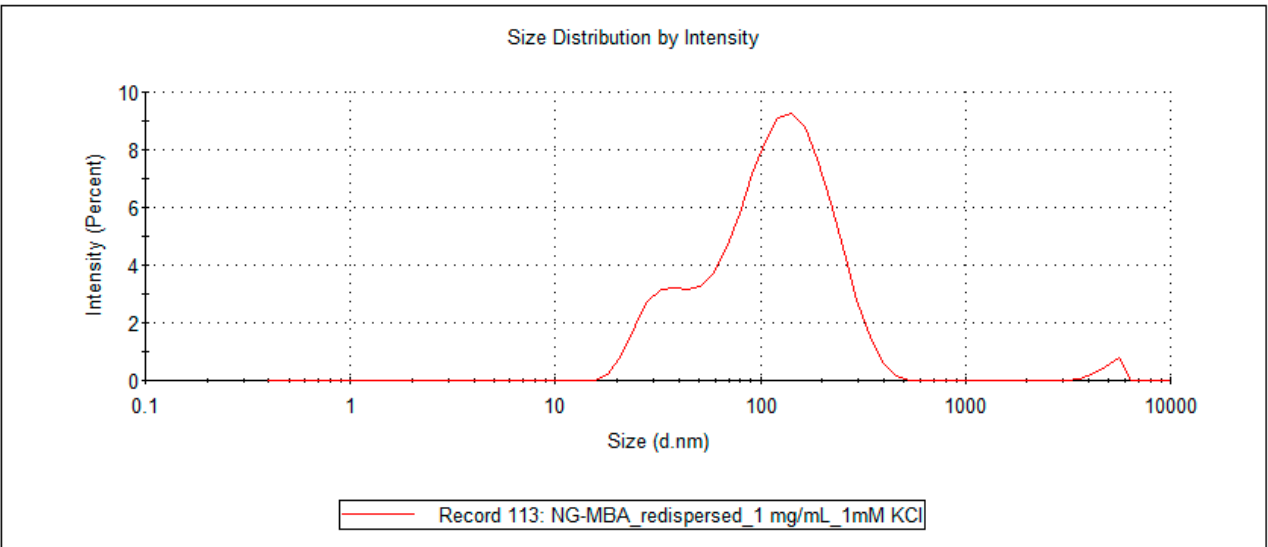


Figure S2. Average size distribution (d_H) of NG-MBA, ($n = 4$).

Zeta potential measurements of nanogels

	Mean (mV)	Area (%)	St Dev (mV)
Zeta Potential (mV): -23.6	Peak 1: -23.5	100.0	5.70
Zeta Deviation (mV): 5.40	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 0.203	Peak 3: 0.00	0.0	0.00
Result quality : Good			

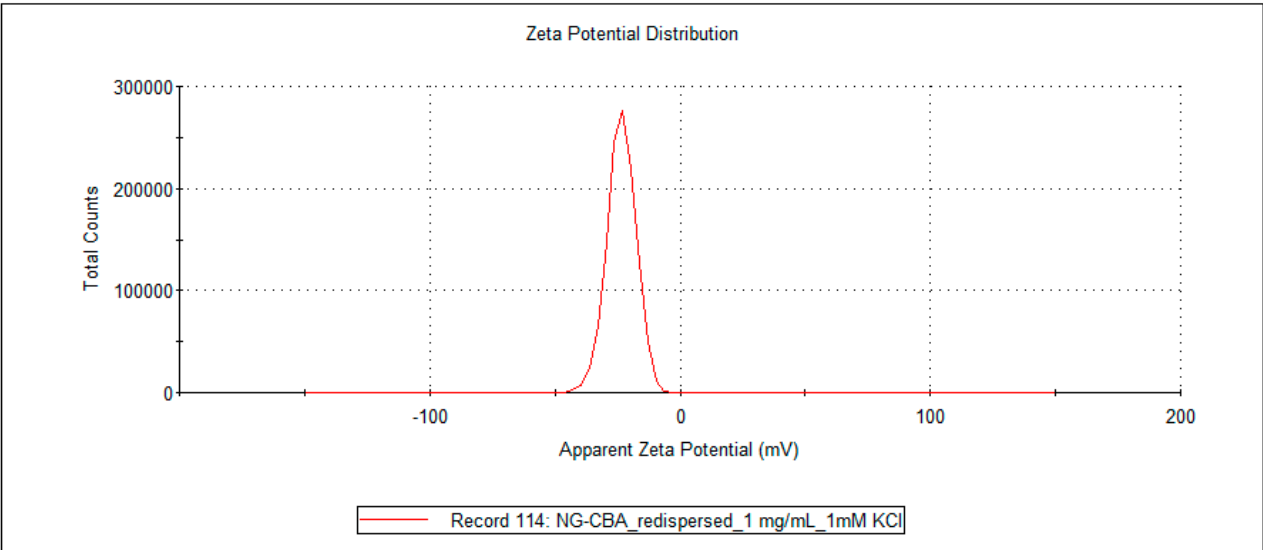


Figure S3. Average zeta potential of NG-CBA, ($n = 4$).

	Mean (mV)	Area (%)	St Dev (mV)
Zeta Potential (mV): -20.4	Peak 1: -20.3	100.0	5.40
Zeta Deviation (mV): 5.35	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 0.182	Peak 3: 0.00	0.0	0.00
Result quality : Good			

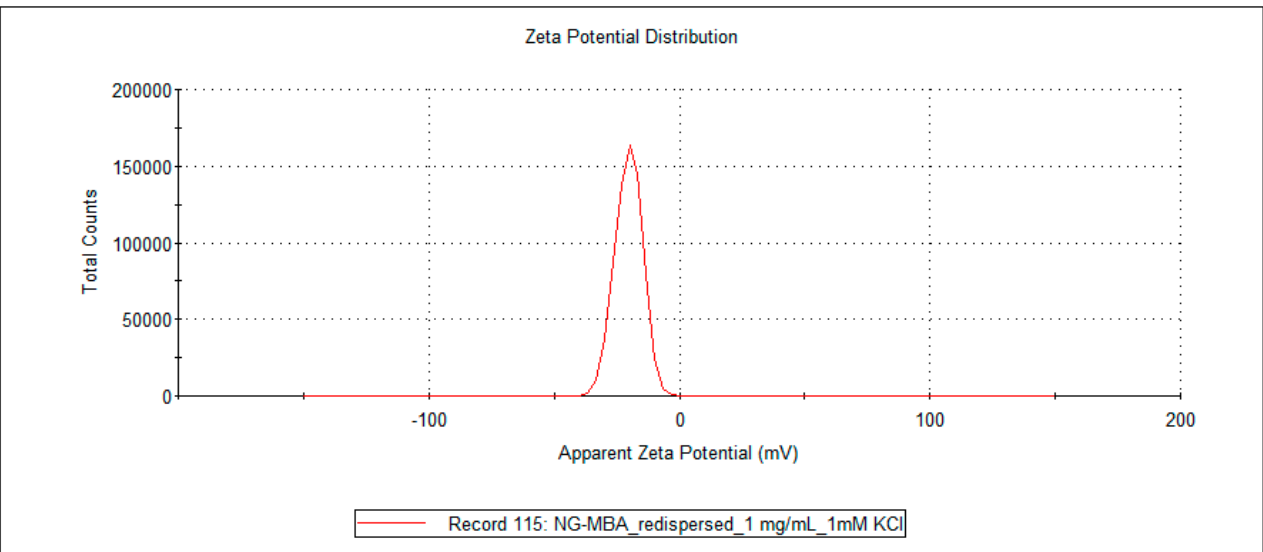


Figure S4. Average zeta potential of NG-MBA, ($n = 4$).

	Mean (mV)	Area (%)	St Dev (mV)
Zeta Potential (mV): -6.33	Peak 1: -6.19	100.0	5.82
Zeta Deviation (mV): 5.42	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 0.163	Peak 3: 0.00	0.0	0.00
Result quality : Good			

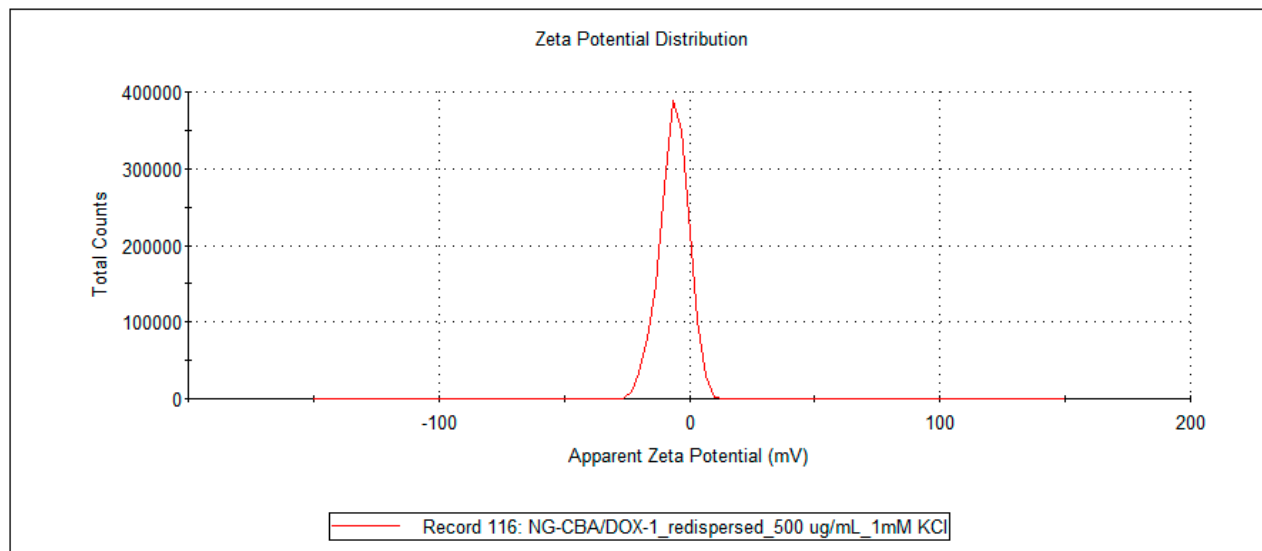


Figure S5. Average zeta potential of NG-CBA/DOX-1, ($n = 4$).

	Mean (mV)	Area (%)	St Dev (mV)
Zeta Potential (mV): -8.92	Peak 1: -9.03	100.0	6.26
Zeta Deviation (mV): 5.98	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 0.171	Peak 3: 0.00	0.0	0.00
Result quality : Good			

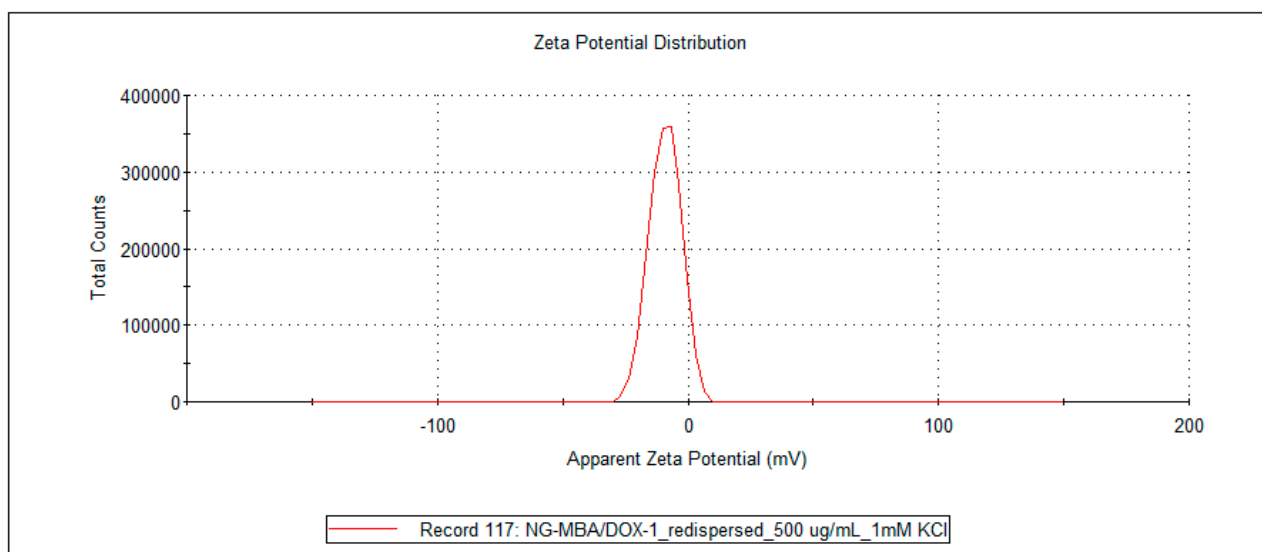


Figure S6. Average zeta potential of NG-MBA/DOX-1, ($n = 4$).

	Mean (mV)	Area (%)	St Dev (mV)
Zeta Potential (mV): -18.6	Peak 1: -18.5	99.9	5.06
Zeta Deviation (mV): 5.16	Peak 2: 6.46	0.1	0.00
Conductivity (mS/cm): 0.218	Peak 3: 0.00	0.0	0.00
Result quality : Good			

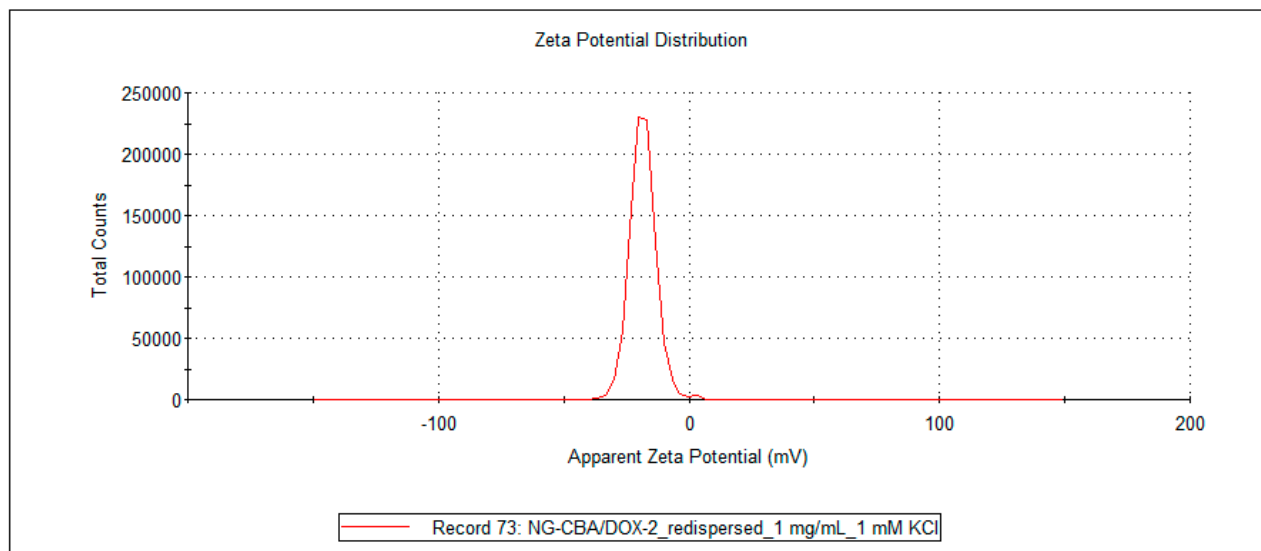


Figure S7. Average zeta potential of NG-CBA/DOX-2, ($n = 4$).

	Mean (mV)	Area (%)	St Dev (mV)
Zeta Potential (mV): -11.3	Peak 1: -10.7	100.0	2.99
Zeta Deviation (mV): 3.10	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 0.0729	Peak 3: 0.00	0.0	0.00
Result quality : Good			

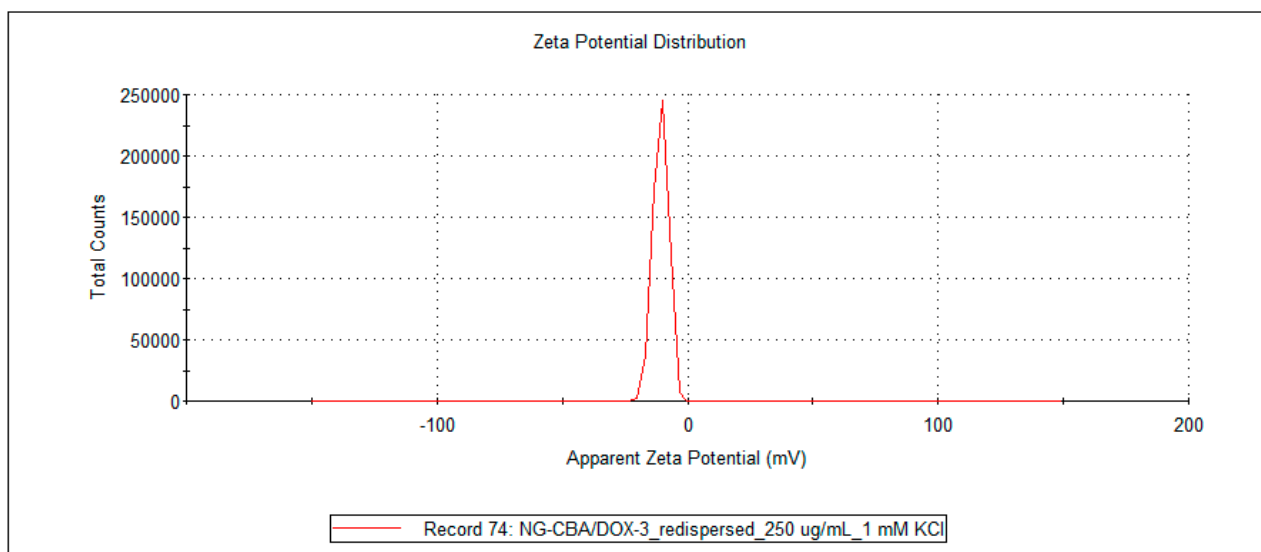


Figure S8. Average zeta potential of NG-CBA/DOX-3, ($n = 4$).