

Inflammation-induced by carrageenan

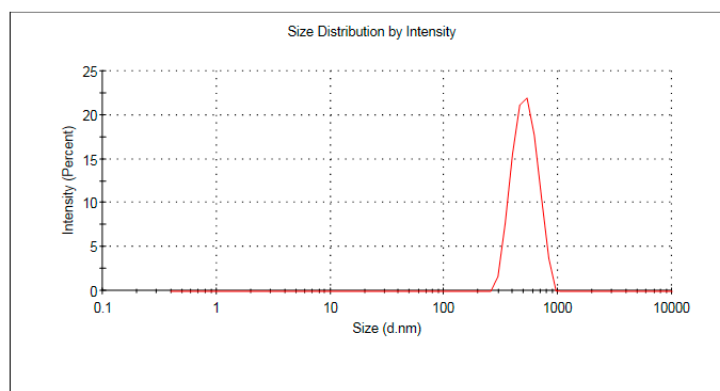
It was performed as previously described Using a subcutaneous (SC) injection of 0.2 ml of carrageenan solution (1%w/v dissolved in sterile saline), the inflammation was induced in the sub-planter right hind paw. We used the left hind paw as a control as it wasn't injected with carrageenan.

Table S1. The sequences of the utilized primers.

Gene	Sequence
Beta actin	Forward 5'-GTCAGGTCATCACTATCGGCAAT-3' Reverse 5'- AGAGGTCTTTACGGATGTCAACGT-3'
IL-1 β	Forward 5'-CACCTCTCAAGCAGAGCACAG-3' Reverse 5'-GGGTTCCATGGTGAAGTCAAC-3'
IL-6	Forward 5'-GCCCTTCAGGAACAGCTATGA-3' Reverse 5'-TGTCAACAACATCAGTCCCAAGA-3'

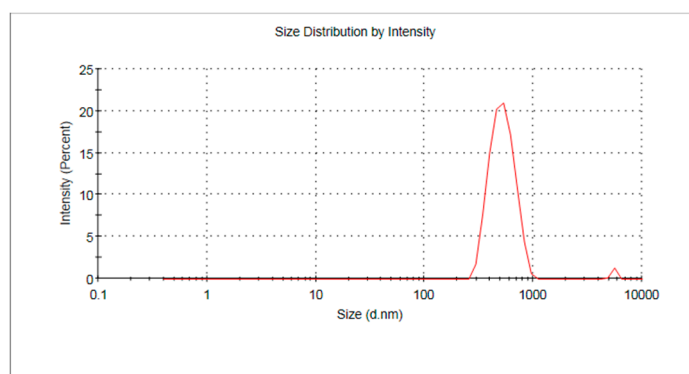
	Size (d.nm):	% Intensity:	St Dev (d.nm):
Z-Average (d.nm): 589.8	Peak 1: 521.5	100.0	124.7
Pdl: 0.283	Peak 2: 0.000	0.0	0.000
Intercept: 0.896	Peak 3: 0.000	0.0	0.000

Result quality : Good



	Size (d.nm):	% Intensity:	St Dev (d.nm):
Z-Average (d.nm): 573.9	Peak 1: 527.1	98.6	132.3
Pdl: 0.246	Peak 2: 5494	1.4	213.4
Intercept: 0.891	Peak 3: 0.000	0.0	0.000

Result quality : Good



	Size (d.nm):	% Intensity:	St Dev (d.nm):
Z-Average (d.nm): 442.3	Peak 1: 179.6	84.4	23.64
Pdl: 0.798	Peak 2: 16.55	15.6	2.393
Intercept: 0.999	Peak 3: 0.000	0.0	0.000

Result quality : Refer to quality report

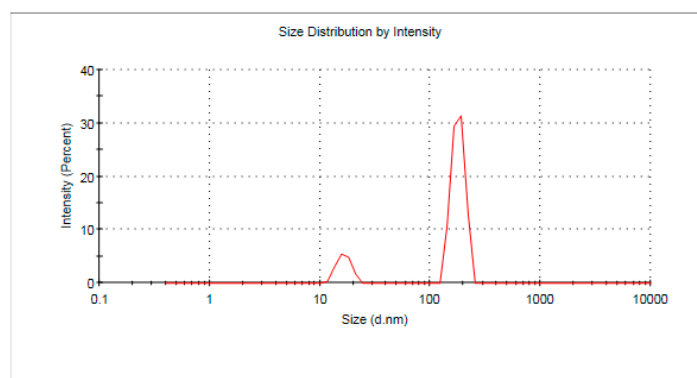


Figure S1. Malvern's Zetasizer graphs showing multiple measurements of particle size of CXB-GLR-PVP.

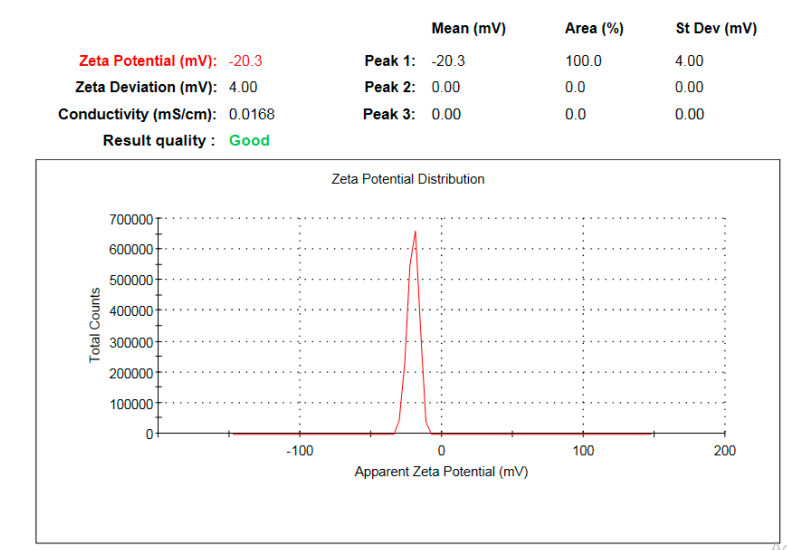
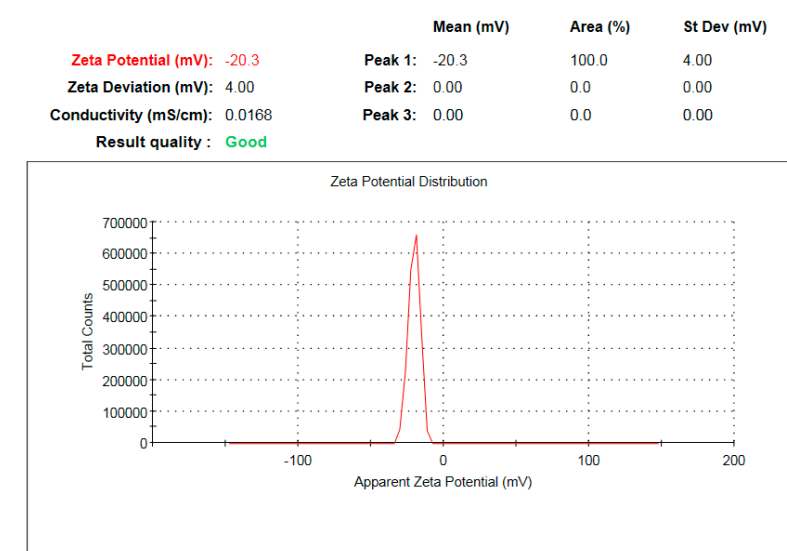
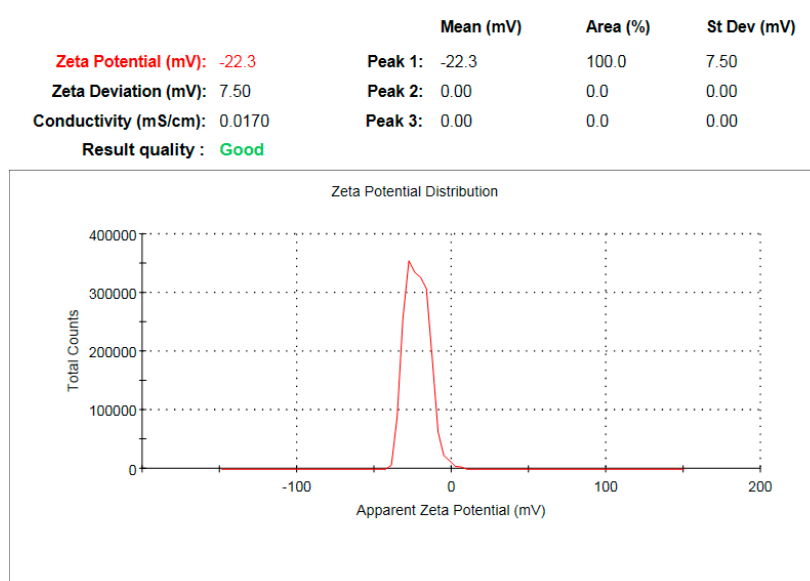


Figure S2. Malvern's Zetasizer graphs showing multiple measurements of ζ -potential of CXB-GLR-PVP.