Supplementary

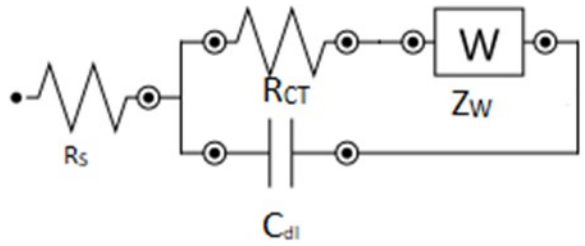

Figure S1 Randles Circuit for determination of R_{CT}.

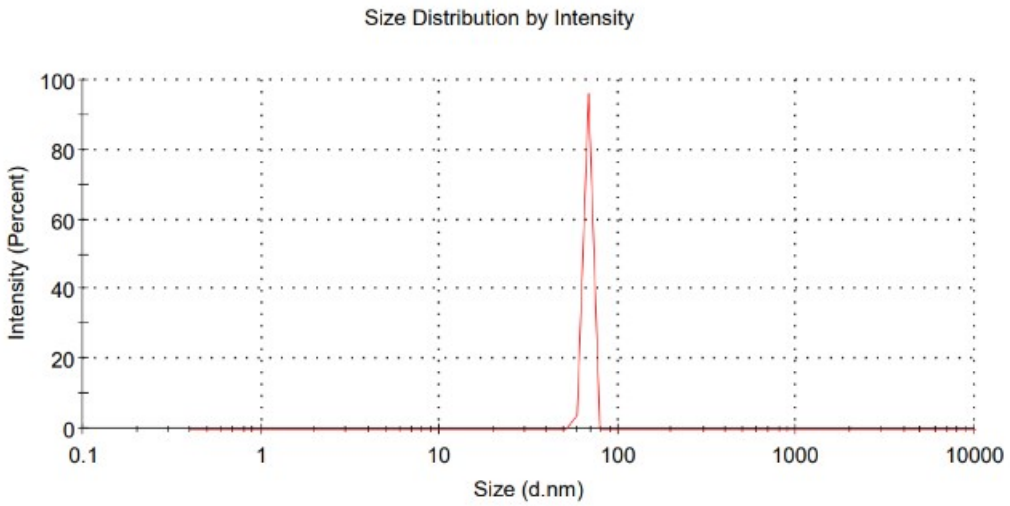

Figure S2 DLS spectrum showing N-protein nanoMIPs have an average hydrodynamic size of 68 nm

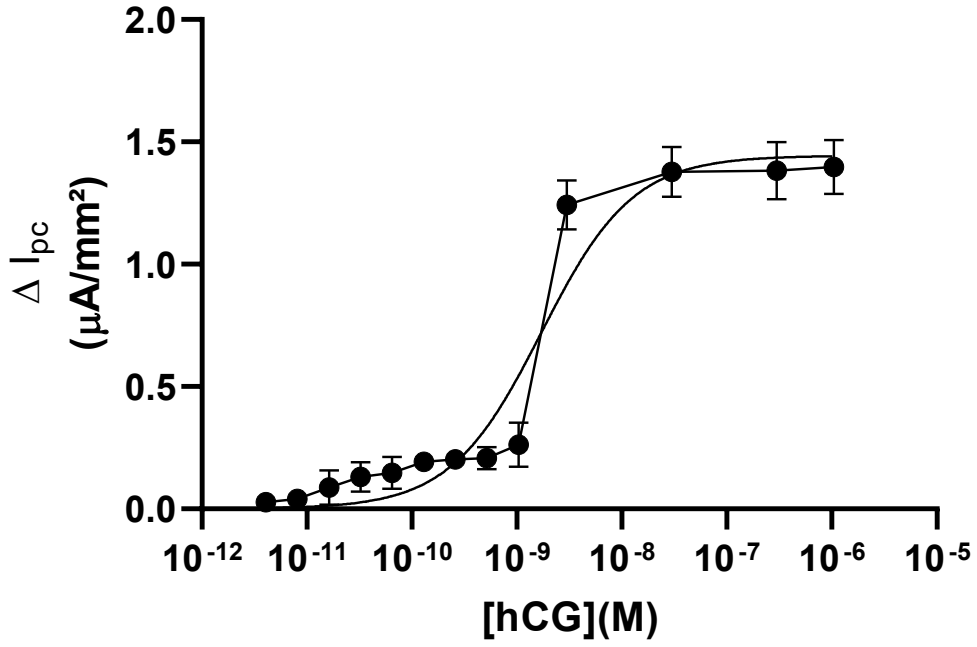

Figure S3 Calibration curve of hCG levels in (converted from mIU to M) vs ΔI_{pc}.

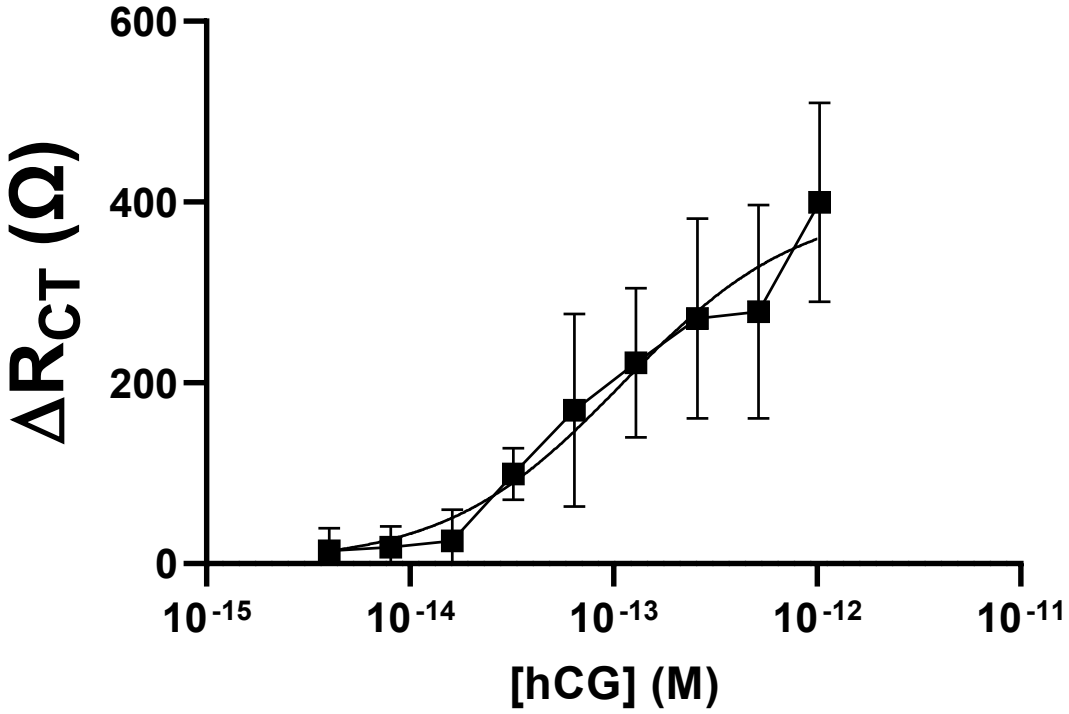

Figure S4 Calibration curve of hCG levels (converted from mIU to M) vs ΔR_{CT}.

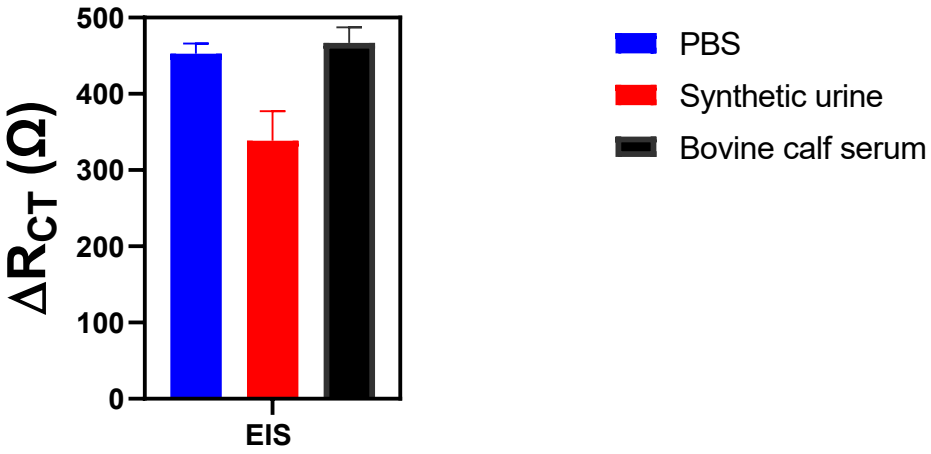

Figure S5 Comparison of signal recovery for 1000 mIU hCG loading in different media (PBS vs synthetic urine vs bovine calf serum)