Electronic Supplementary Material (ESI) for New Journal of Chemistry.

Supporting Information

Gold nanoparticles based colorimetric assay of telomerase activity with cyclic strand displacement reaction

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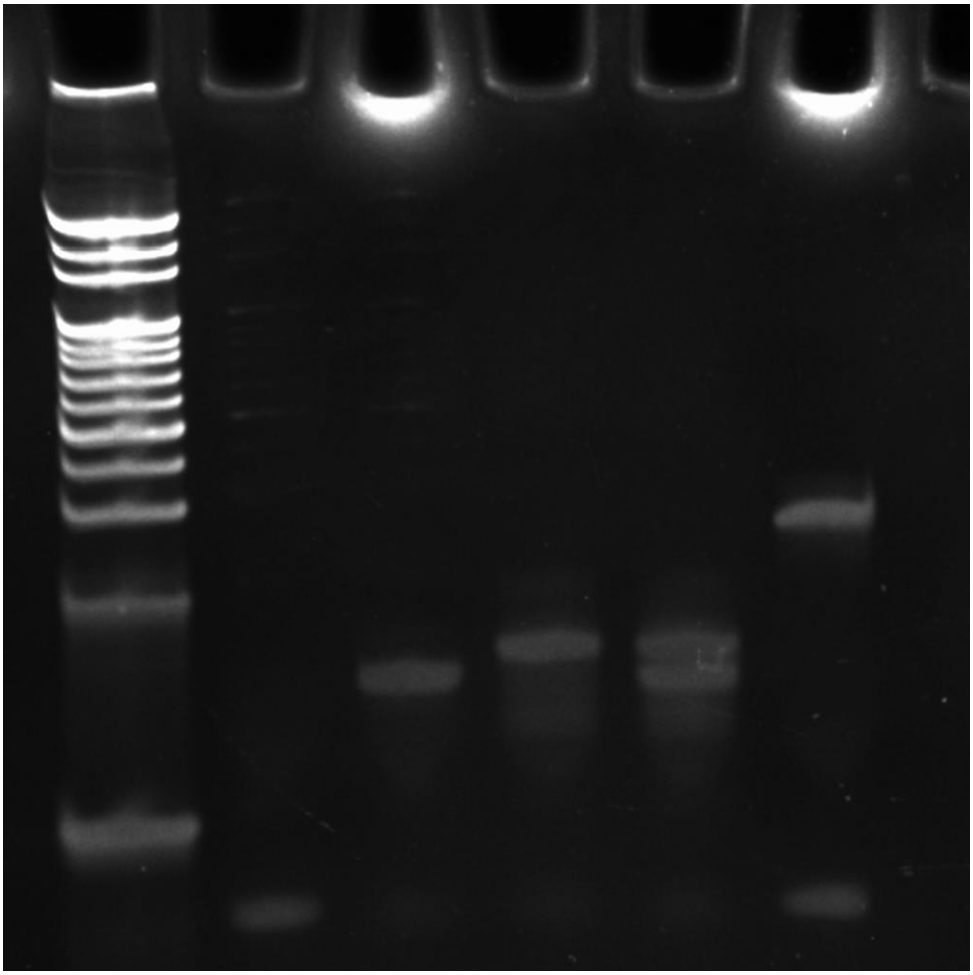

Figure S1. Polyacrylamide gel electrophoresis analysis of Probe C, Probe D, Probe E, Probe D/E and Probe C/D/E (from left to right).

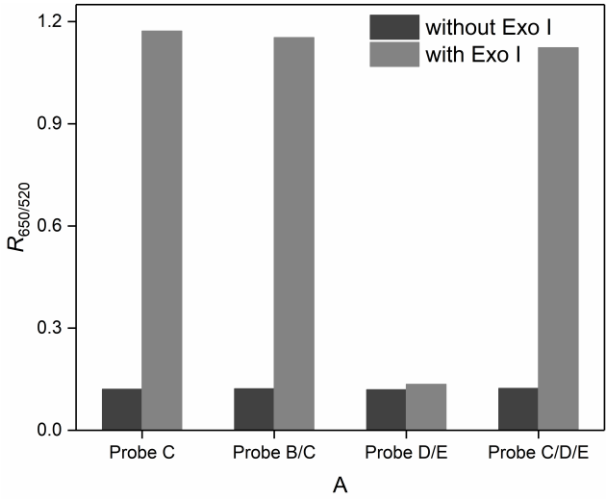

Figure S2. The recorded absorbance ratio for the DNA protected AuNPs in the absence and presence of Exo I.

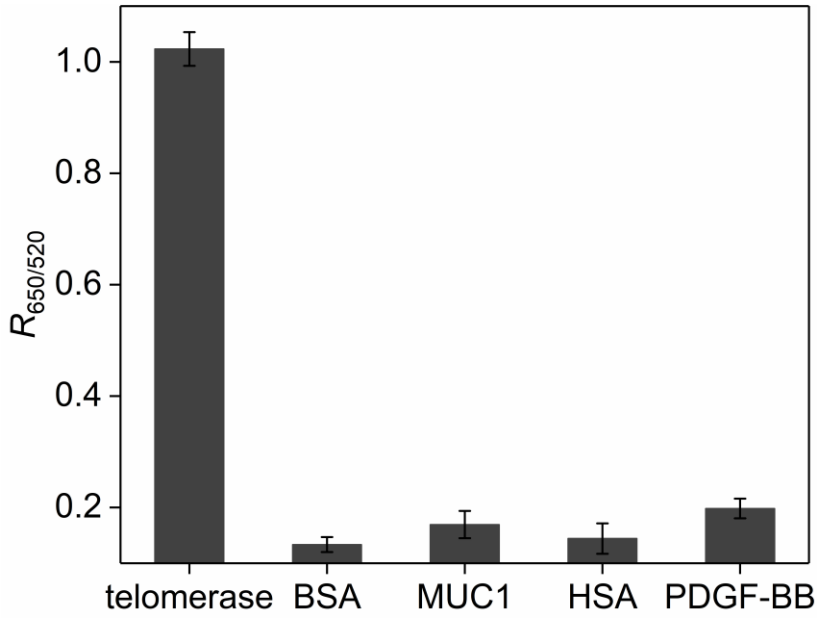

Figure S3. The recorded absorbance ratio for the detection of telomerase and potential interfering proteins.

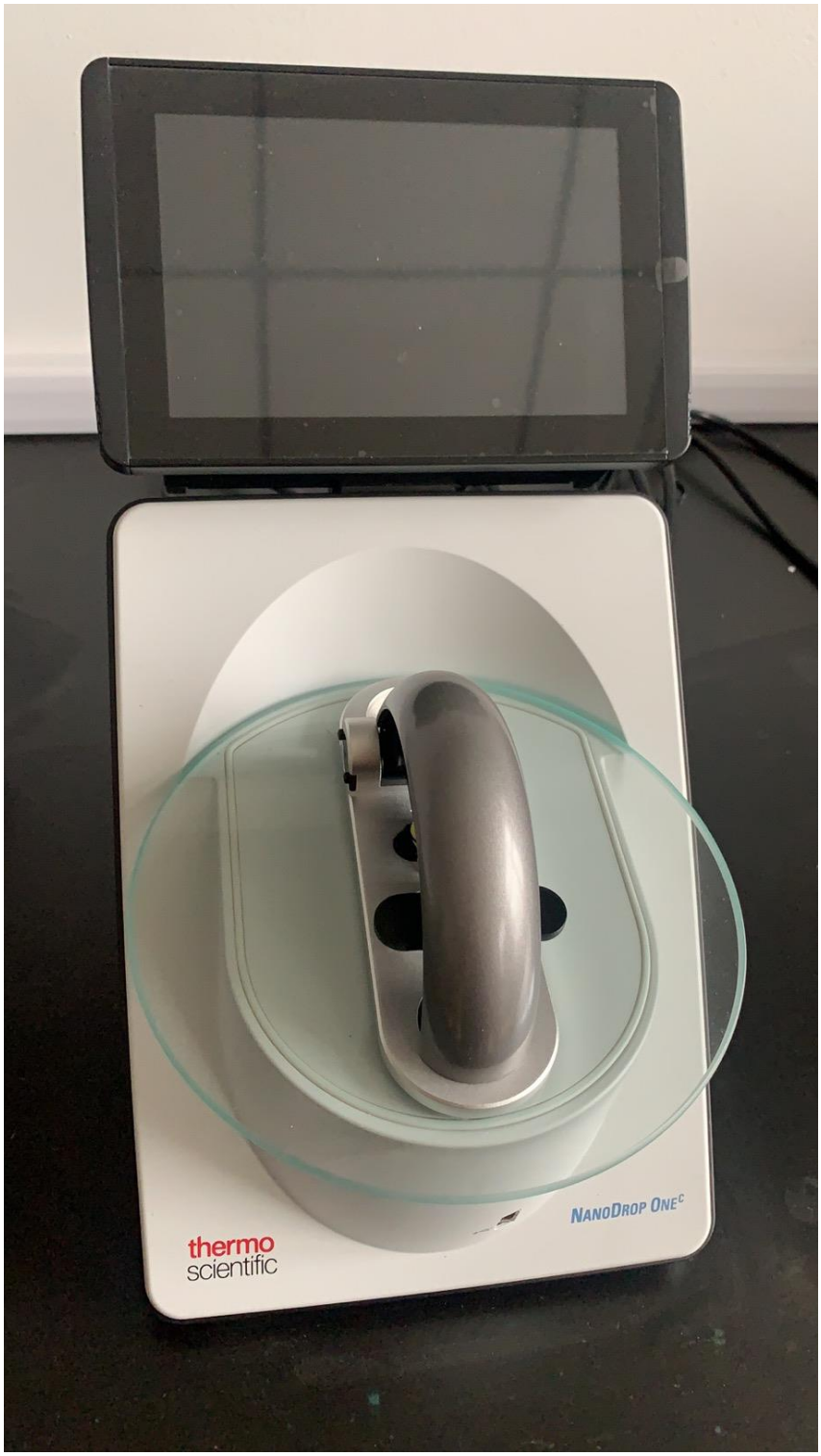

Figure S4. Picture of NanoDrop OneC spectrophotometer.