

# **Influence of gold nanoparticles on Taq DNA polymerase activity during polymerase chain reaction**

**Running Title:** Gold nanoparticles modulating Taq polymerase activity

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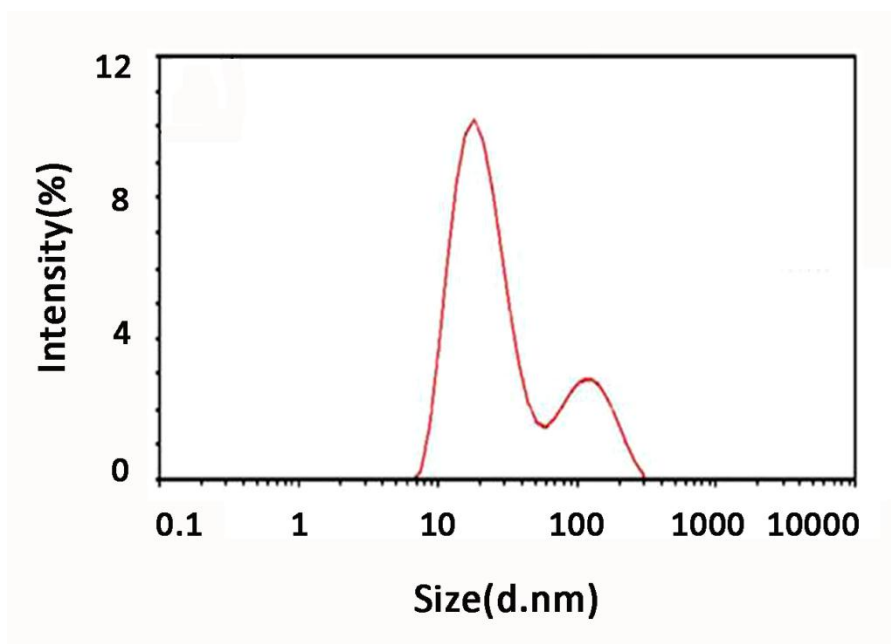
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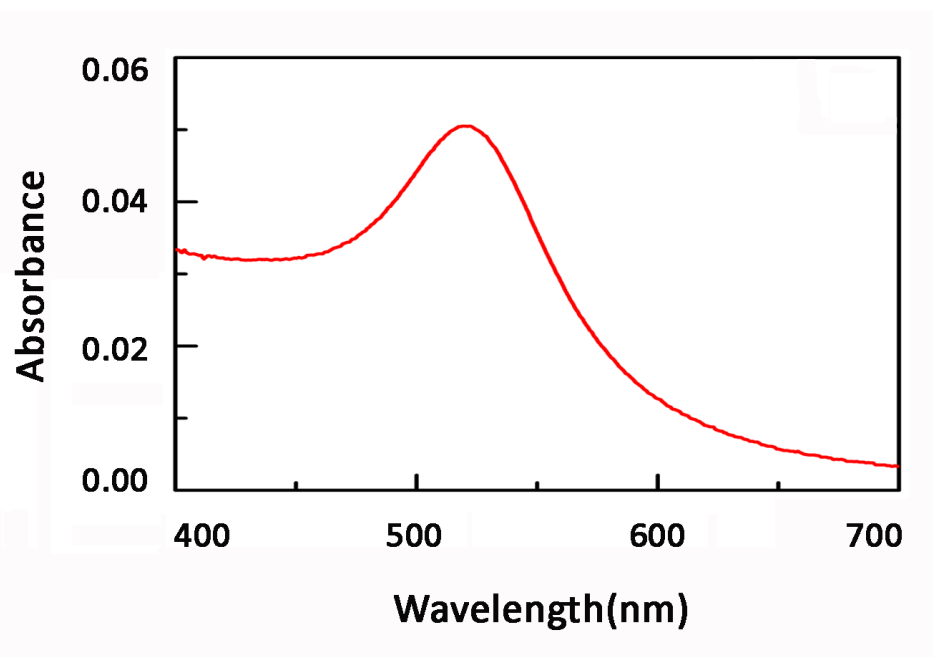
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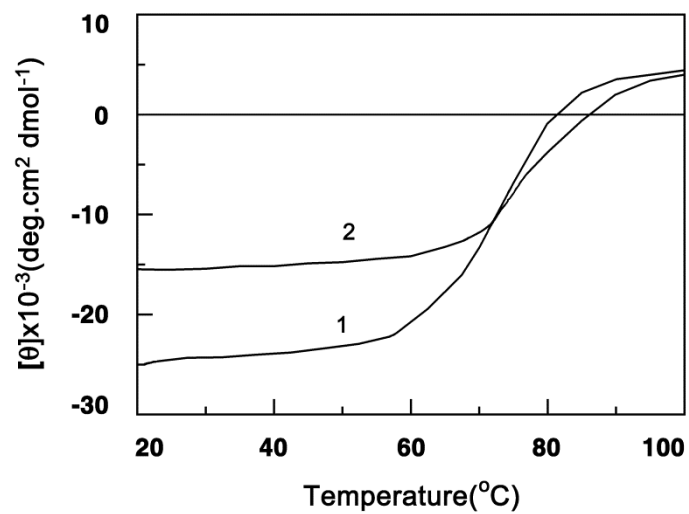
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**Figure S1** Size distribution curve of GNPs by DLS



**Figure S2** UV-visible spectra of GNPs.



**Figure S3** CD melting study with 67 nm GNP. Curve 1 represents the melting curve of taq DNA polymerase without GNPs and that of 2 with GNPs.