



Title	Preparation of Biopex-Supported Gold Nanoparticles as Potential Fiducial Markers for Image-Guided Radiation Therapy
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Supporting Information

Preparation of Biopex-supported gold nanoparticles as a potential fiducial marker for image-guided radiation therapy

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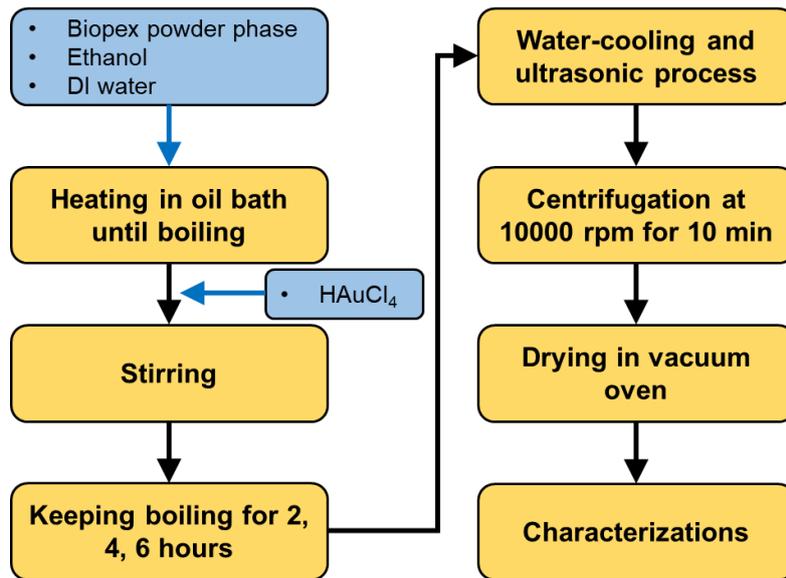


Figure S1. Fabrication route of Biopex-Au NPs.

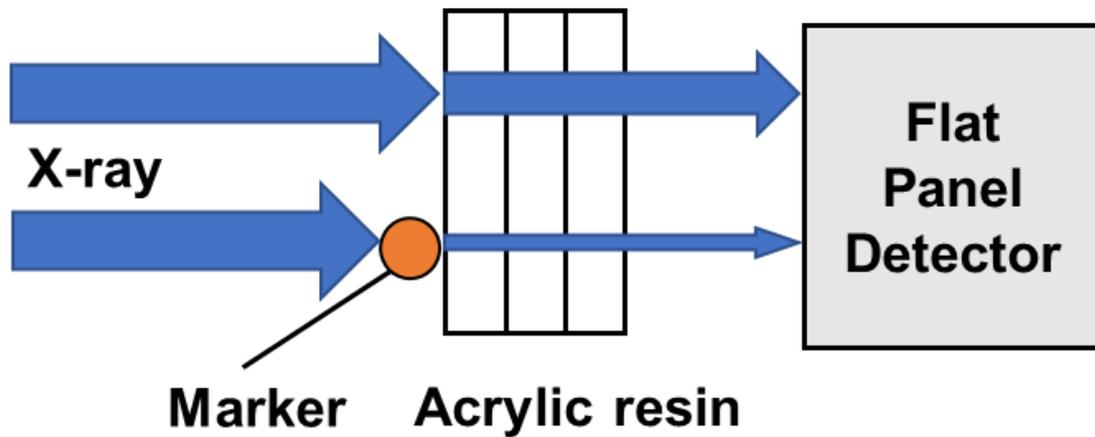


Figure S2. Schematic diagram of the X-ray visualization test.

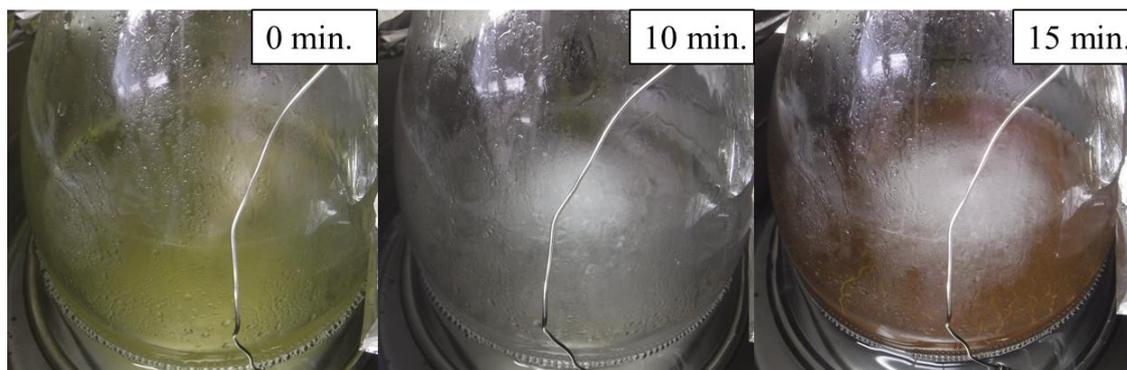


Figure S3. Color change of the mixed solution in the synthesis experiment with HAuCl_4 concentration 0.50 mmol/L, reaction time 2 h, Biopex amount 99 mg.

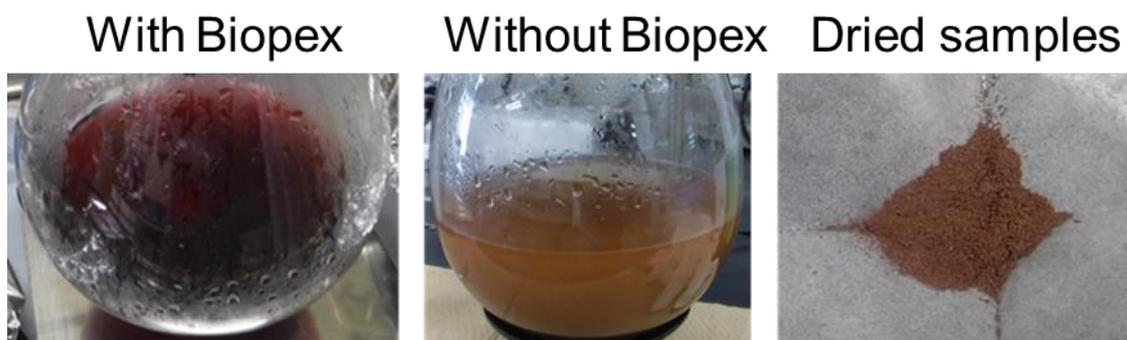


Figure S4. Optical images of liquid samples with and without Biopex after 2 h synthesis and the dried Biopex-Au NPs.

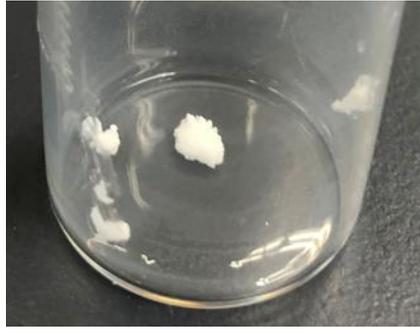


Figure S5. White powder collected from the supernatant.



Figure S6. Biopex-Au NPs injected through 18G, 19G, and 21G needles.



Figure S7. Cured Biopex-Au NPs taken out from jelly.