

Supporting Information

Immunoglobulin G-Encapsulated Gold Nanoclusters as Fluorescent Tags for Dot-Blot Immunoassays

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Author Contributions

Quan-Quan Zhuang and Hao-Hua Deng contributed equally to this work.

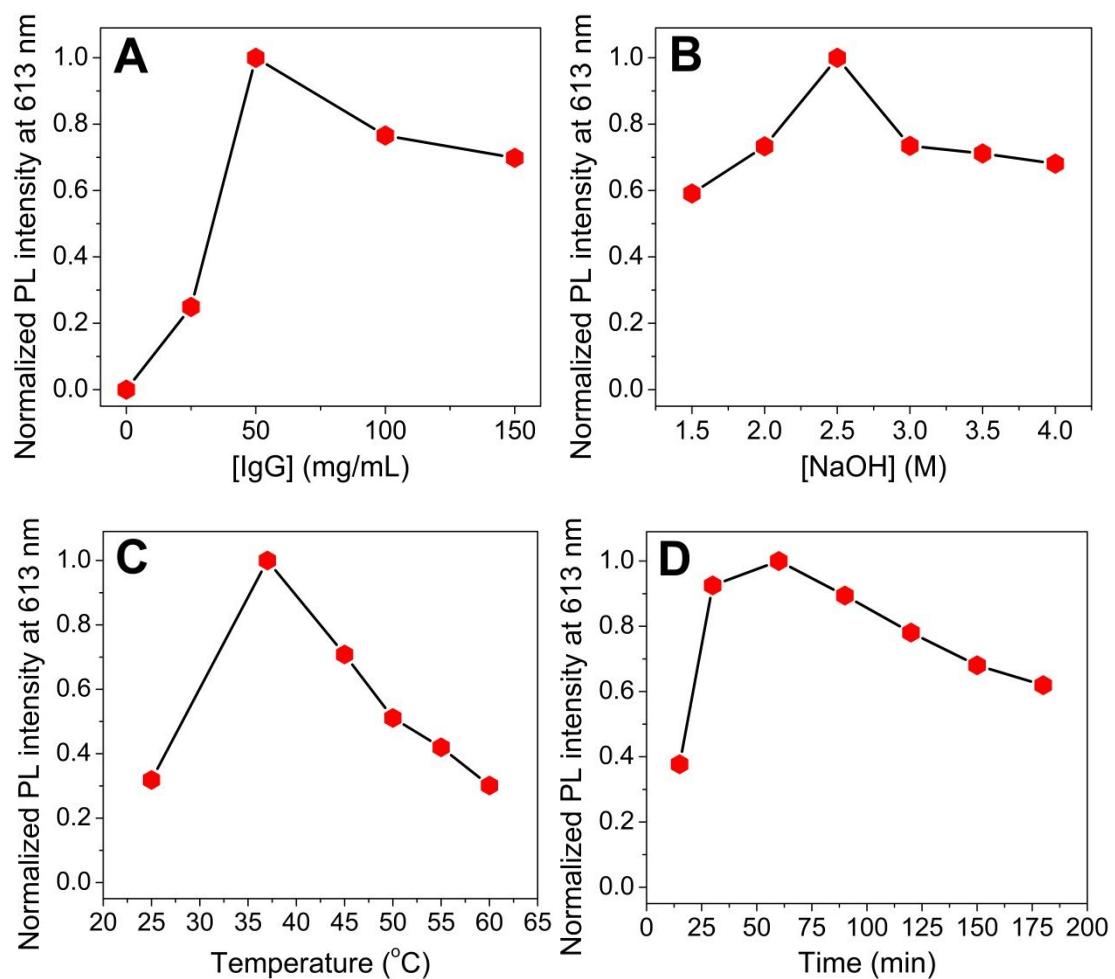


Figure S1. The influences of IgG concentration (A), NaOH concentration (B), incubation temperature (C), and incubation time (D) on the fluorescence intensity of IgG-AuNCs.

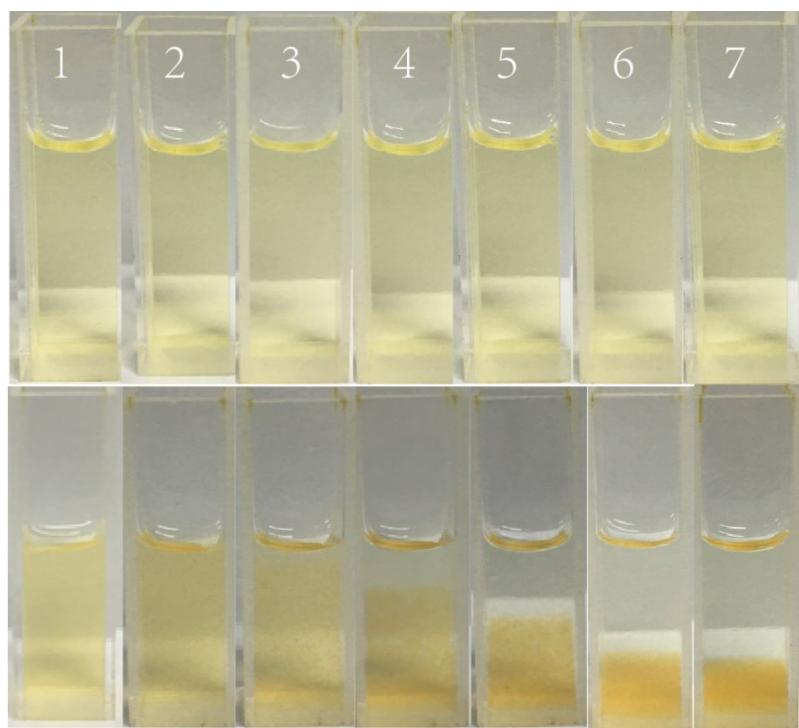


Figure S2. Photographs of IgG-AuNCs (top) and IgG/AuNC bioconjugates (bottom) placed for different days (from 1 to 7 days) at room temperature.

Table S1. List of proteins used for AuNC synthesis and their PLQY

Protein	PLQY	References
Bovine serum albumin	6	1
Collagen	3.1	2
Macerozyme	4.2	2
Papain	4.3	3
Hemoglobin	4.6	4
Transferrin	4.6	5
Pepsin	5	6
Lysozyme	5.6	7
β -Lactoglobulin	8	8
Insulin	7	9
IgG	12	This work

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