

## Supplementary Information

### Target-induced activation of DNzyme for highly sensitive colorimetric detection of bleomycin via DNA scission

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**Table S1.** Comparison of the proposed sensing strategy with other BLM detection methods.

Strategy	Linear range (nM)	LOD (nM)	Assay volume (mL)	Assay time (min)	Ref.
BLM enhanced Fe(II)-H <sub>2</sub> O <sub>2</sub> -ABTS reaction	25–1000	16	0.15	20	1
Unmodified BLM-induced aggregation of AuNPs	2–150	2	2.0	7.5	2
G-triplex based molecular beacon	0.5–1000	0.2	0.20	30	3
Copper ion and G-quadruplex-mediated sensor	0.1–75	0.1	0.20	65	4
nitrogen-doped graphene quantum dots	0.34–1300	0.34	2.0	15	5
BLM-induced diffusivity enhancement	0.1–100	0.033	0.10	50	6
Au/WS <sub>2</sub> nanorod array and Ag/ZnMOF nanozyme	0.5–500	0.18	–	15	7
CdS-In <sub>2</sub> S <sub>3</sub> heterojunction-based aptasensor	10–250	1	–	120	8
BLM-mediated activation of G-quadruplex DNAzyme	10–1000	5	0.15	40	This work

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