

Electronic Supplementary Information

A label-free fluorescence nanosensor for the determination of adrenaline based on graphene quantum dots

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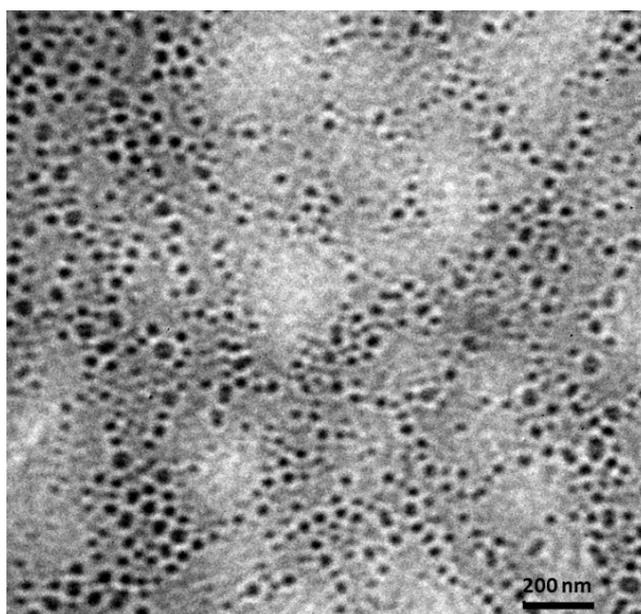


Fig. S1 The TEM image of the GQDs

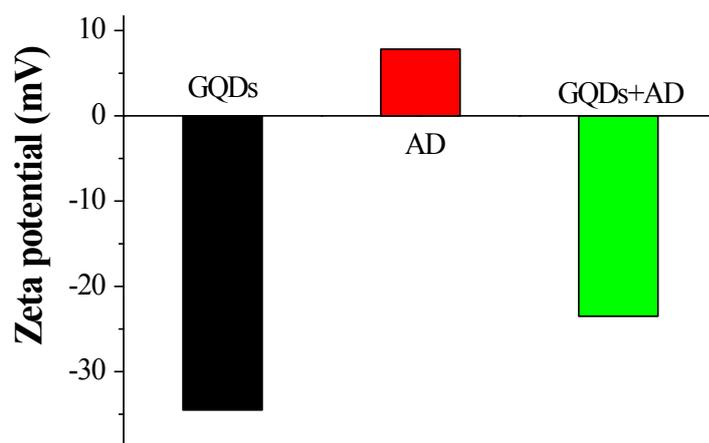


Fig. S2 The zeta potentials of GQDs, AD and GQDs-AD in the PBS (10 mM, pH 7.0)

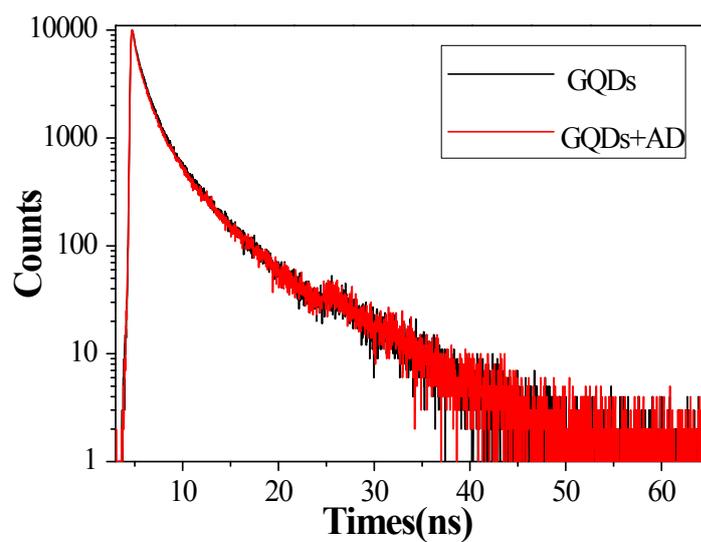


Fig. S3 The fluorescence lifetime of GQDs and the mixture of GQDs and AD

Table S1 Data on elemental analysis (C, H, O) of GQDs

Name	C (%)	H (%)	O (%)
Value	58.78	1.98	39.24
RSD [%]	3.32	0.71	2.96