Highly sensitive and rapid visual detection of ricin using unmodified gold nanoparticle probes

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Fig. S1. Hydrodynamic diameter of AuNPs measured by DLS in different solution. (A) 2.78 nM AuNPs solution mixed with 83 nM RBA for 5 min after the addition of 0.138 M NaCl. (B) 2.78 nM AuNPs solution in the presence of 83 nM RBA and 3.08 nM ricin for 5 min after the addition of 0.138 M NaCl.

Fig. S2. Effect of aptamer amount on the sensitivity of ricin detection.
Fig. S3. Effect of salt concentrations on the sensitivity of ricin detection.
Fig. S4. Effect of the reaction time after adding NaCl on the sensitivity of ricin detection.