Electronic Supplementary Information

Lanthanide-doped luminescent lateral flow immunoassay for ultrasensitive and quick detection of methyltestosterone in fish samples

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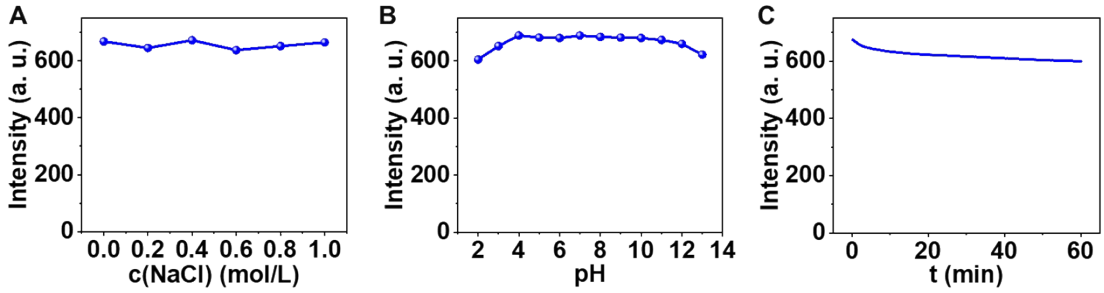

Fig. S1. Photostability assessment of the YVO_4:Eu NPs. Fluorescence emission intensities (E_m: 615 nm, E_x: 280 nm) of the YVO_4:Eu NPs solution (20 μg/mL) under various ionic strengths (A), varying pH values (B), and continuous irradiation condition of UV excitation light (C), respectively.

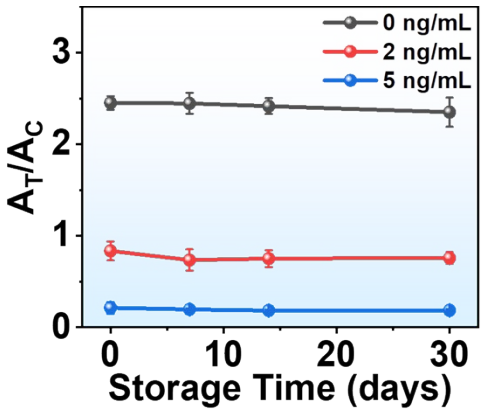

Fig. S2. Storage stability measurements of the LFIA test strips.