

## Electronic Supporting Material

### Development and validation of a novel fluorometric sensor for hydrogen peroxide monitoring in exhaled breath condensate

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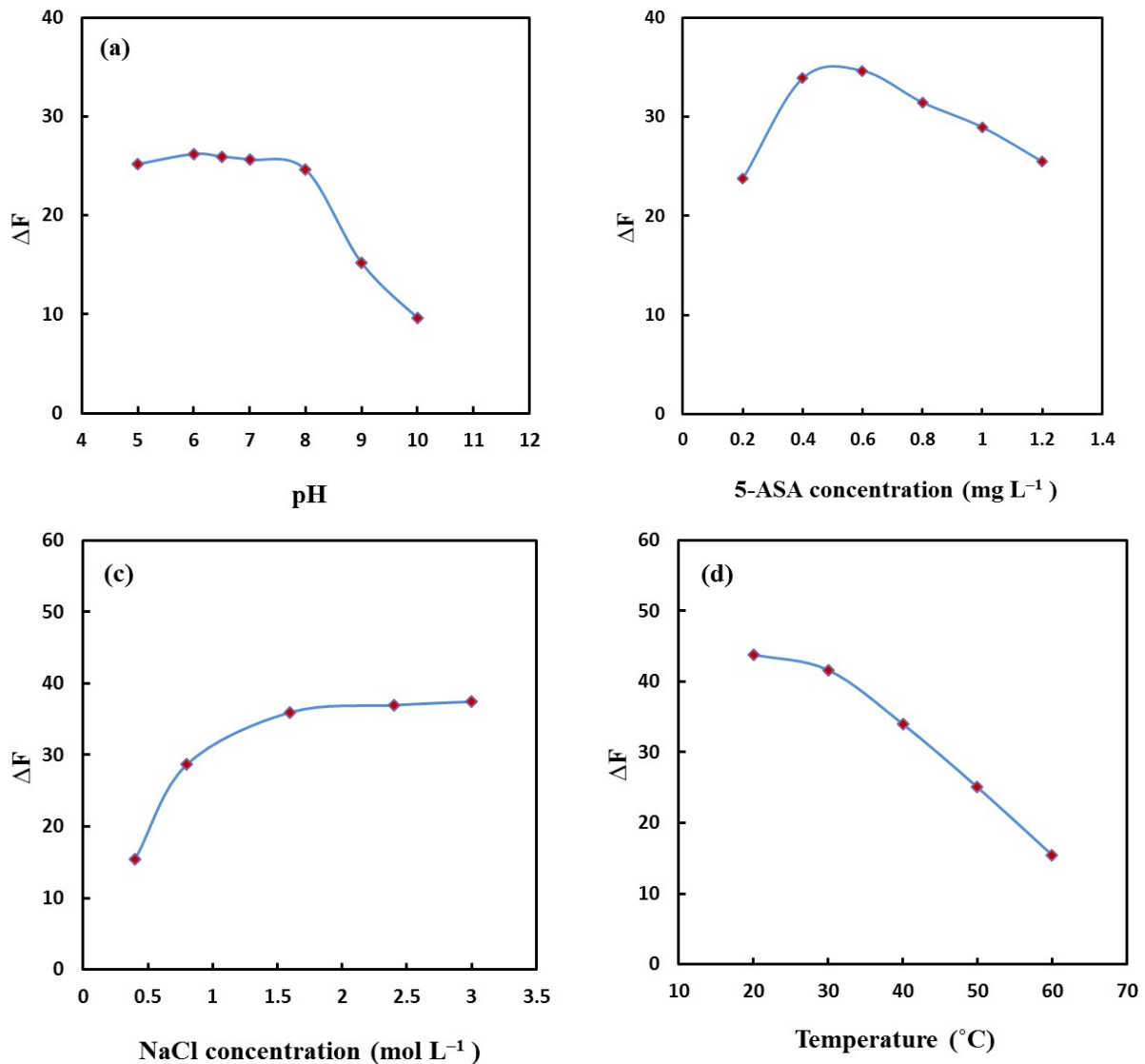
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## Optimal conditions of H<sub>2</sub>O<sub>2</sub> detection by CuO NPs-catalyzed H<sub>2</sub>O<sub>2</sub>/5-ASA system



**Fig. 1S:** Effect of (a) pH, (b) 5-ASA concentration, (c) NaCl concentration, (d) temperature on fluorescence intensity of CuO NPs-catalyzed H<sub>2</sub>O<sub>2</sub>/5-ASA system.