

Electronic Supplementary Information for

Colorimetric analysis of the decomposition of S-nitrosothiols on paper microfluidic devices

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Fig. S1. Presentation of the portable instrumentation explored to promote the simultaneous decomposition with different light sources powered by a USB port from a personal computer.

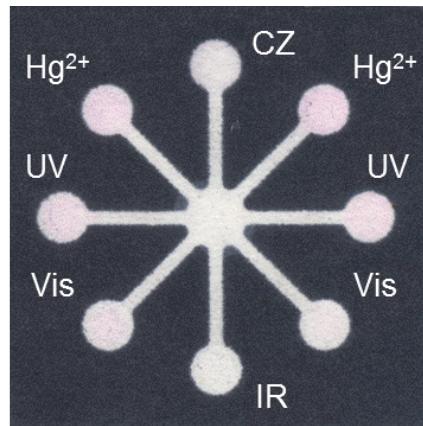


Fig. S2. Optical image showing the colorimetric analysis of a real serum sample, in which the colored zones indicate the reaction after decomposition with Hg^{2+} , UV, Vis and IR lights. The label CZ means control zone.

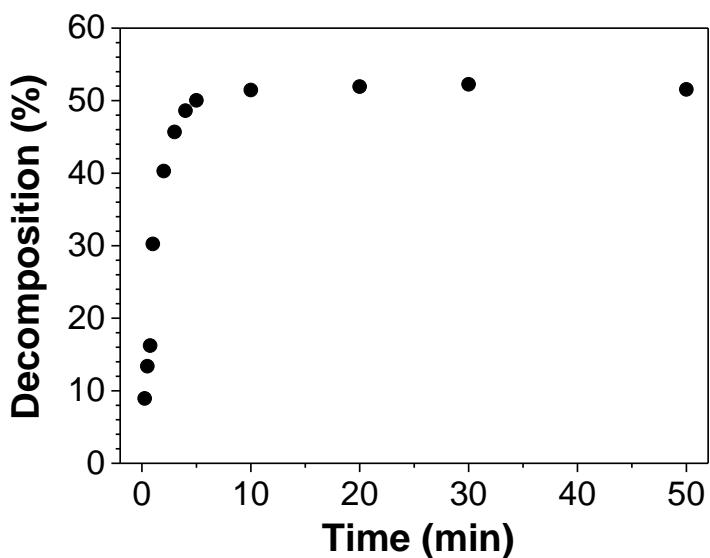


Fig. S3 Representation of the percentage of decomposition for GSNO by UV light using test tubes. Percentages calculation were based on Griess and Saville reactions. $\lambda=540\text{nm}$