

# Supporting Information

for

## Multiplexed detection of metabolites of narcotic drugs from a single latent fingerprint

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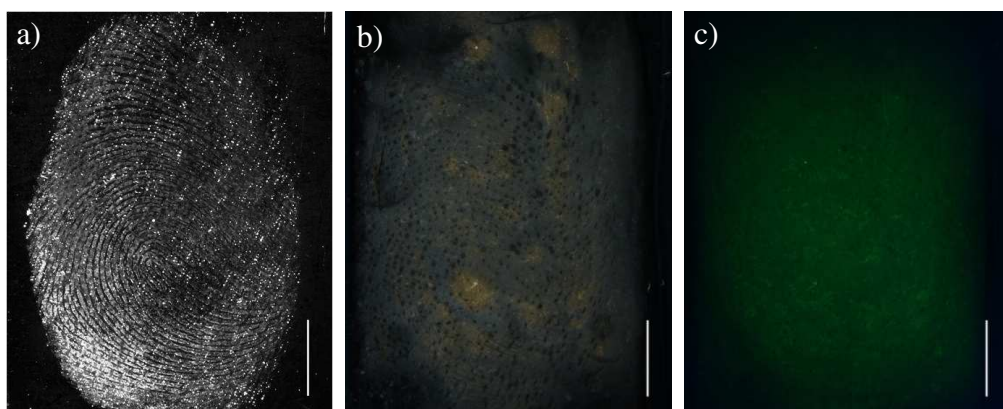
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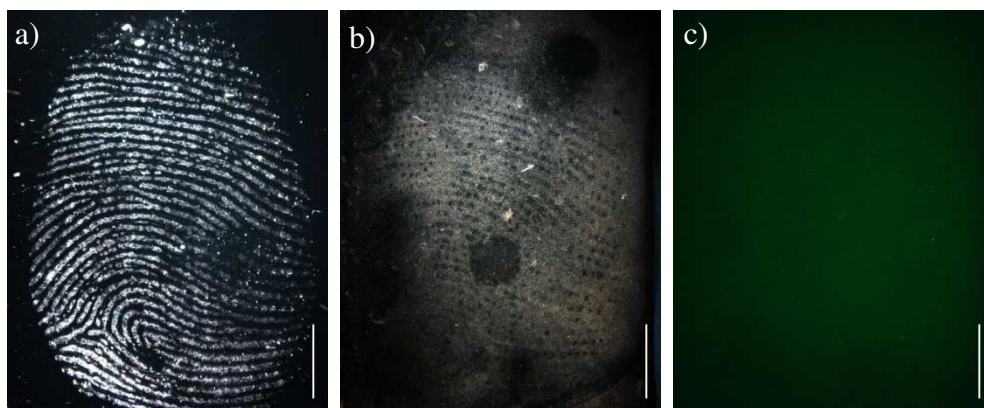
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**Figure S1:** Negative control experiment for the detection of morphine in the fingerprint from a volunteer who was not taking any narcotic drugs. (a) and (b) are brightfield images of a fingerprint before and after incubation of the anti-morphine antibody functionalized magnetic particles and Alexa Fluor 488 dye tagged secondary antibody fragments on the fingerprint. (c) shows the fluorescence image of the fingerprint following incubation of the reagents used in (b). Scale bars are 5 mm.



**Figure S2:** Negative control experiment for the detection of benzoylecgonine in the fingerprint from a volunteer who was not taking any narcotic drugs. (a) and (b) are brightfield images of a fingerprint before and after incubation of the anti-benzoylecgonine antibody functionalized magnetic particles and Alexa Fluor 488 dye tagged secondary antibody fragments on the fingerprint. (c) shows the fluorescence image of the fingerprint following incubation of the reagents used in (b). Scale bars are 5 mm.