

Supplementary information

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3 **Fluorometric gas-imaging system (sniff-cam) using extinction of**
4 **NADH through ADH reverse reaction for acetaldehyde in the gas**
5 **phase**

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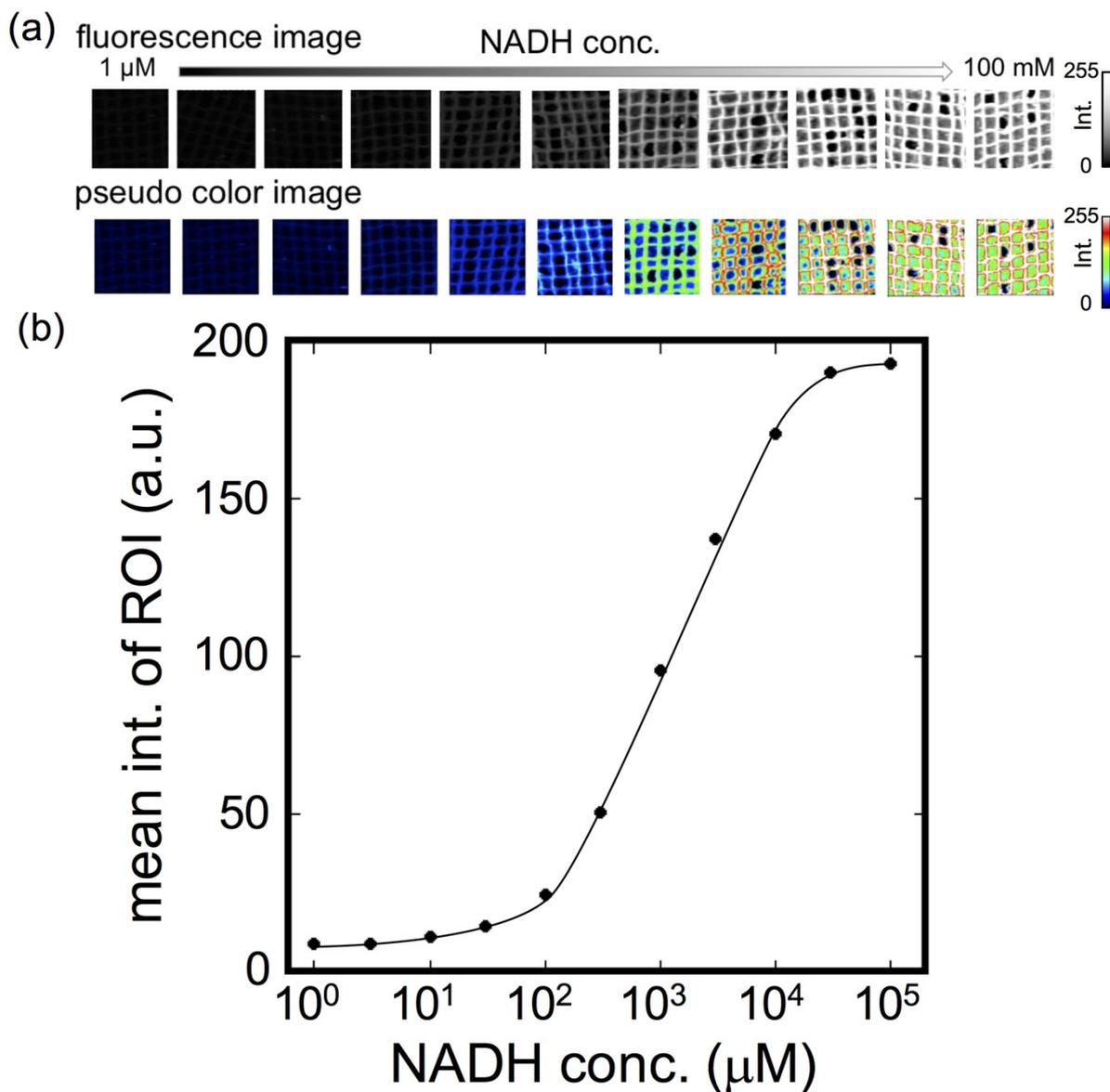
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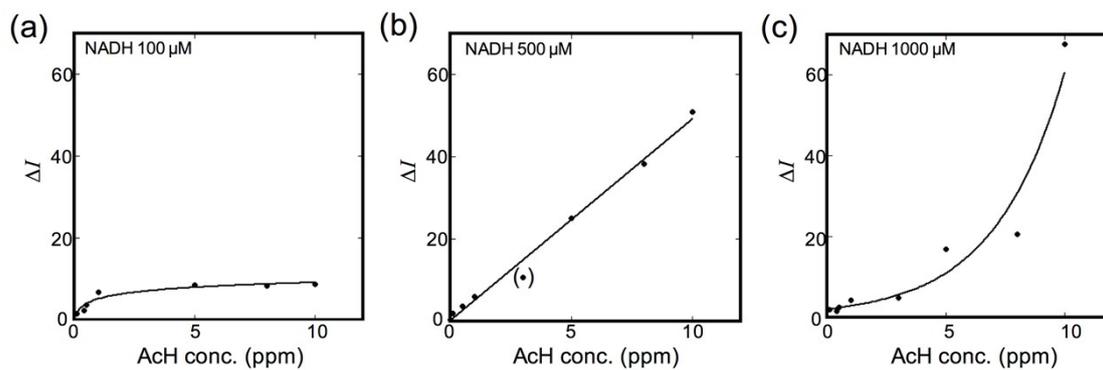
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20 **Fig. S1.** (a) fluorescence image and pseudo color image of cotton mesh that was wetted by
 21 0.001–100 mM of NADH. (b) shows relationship between the concentration of NADH and
 22 the mean intensity of the ROI that was obtained from fluorescence image. The dynamic range
 23 was 0.001–100 mM.

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27 **Fig. S2.** The effect of NADH concentration to quantitative characteristics of the AcH sniff-

28 cam.