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Supplemental Material

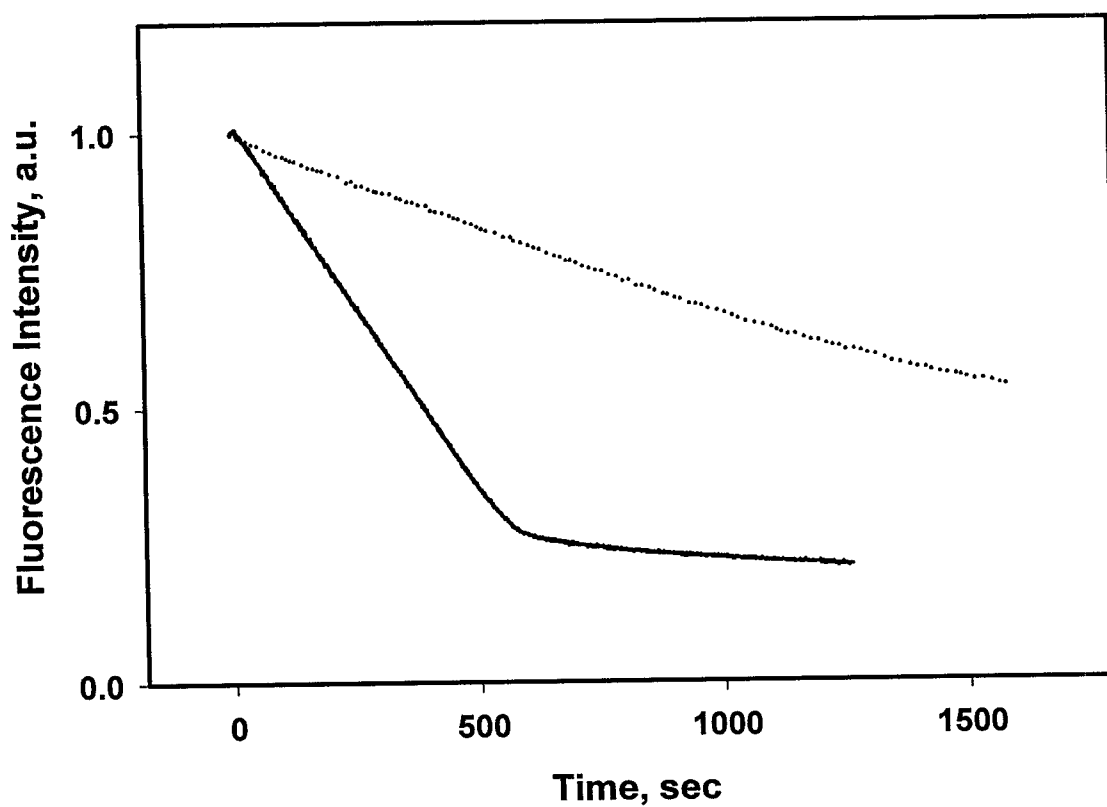


Figure S1. Evolution of fluorescence for encapsulated ADH and NADH following exposure to solutions of propionaldehyde concentration of 0.15 mM (dotted line) and 7.5 mM (solid line).

Supplemental Material

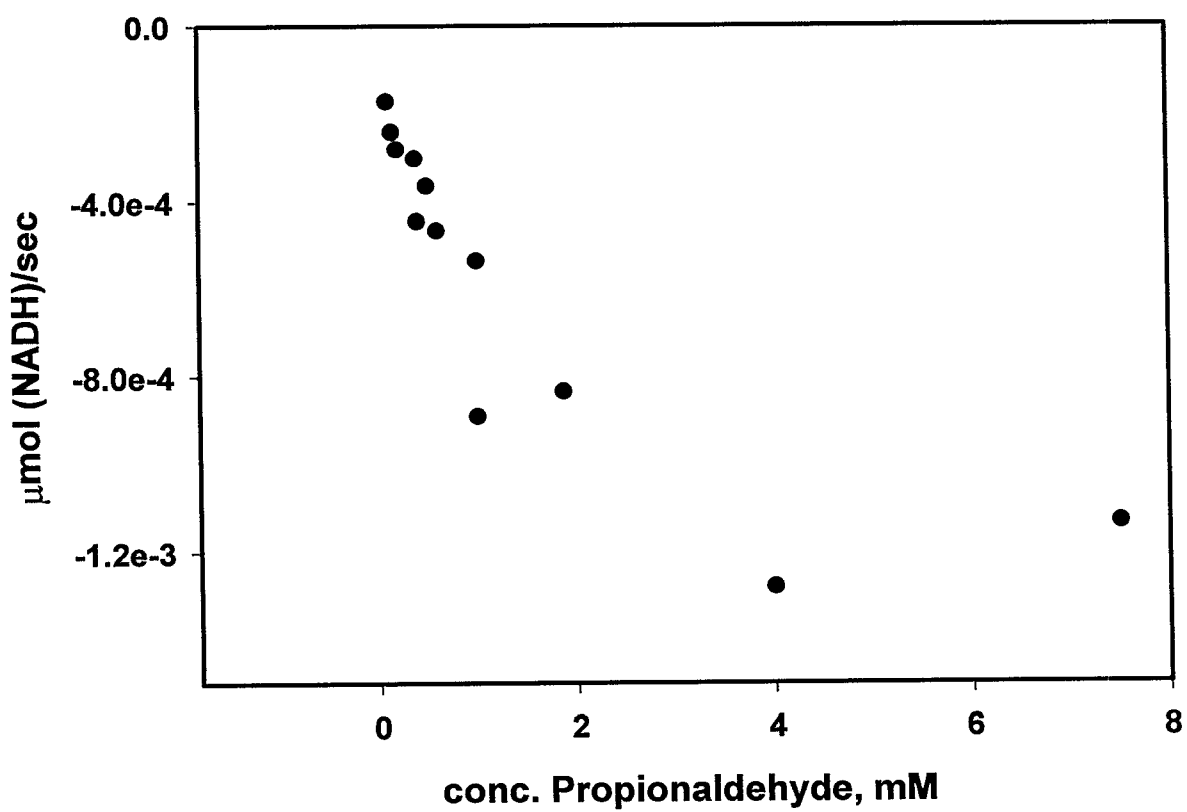


Figure S2. Correlation between initial rate of fluorescence decrease and concentrations of propionaldehyde solutions.

Supplemental Material

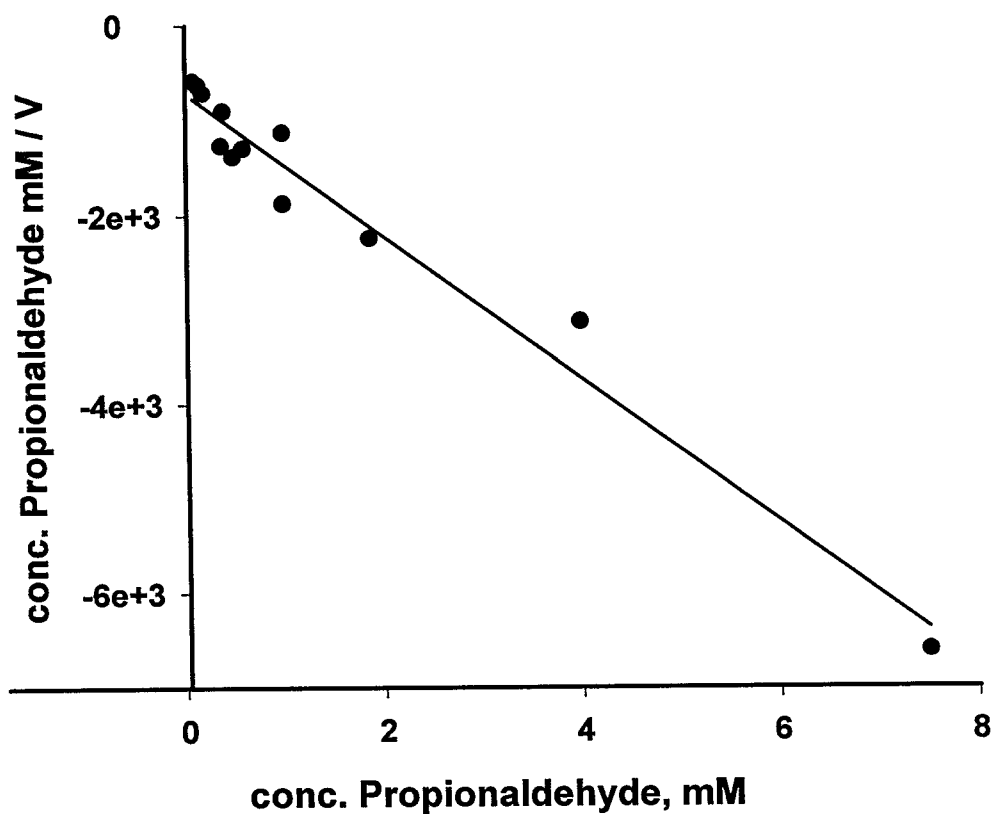


Figure S3: Hanes plot of data in Figure S2. The slope ($1/V$) is $-757 \mu\text{mol}^{-1} \text{sec}$ which corresponds to $0.078 \mu\text{mol}$ of product/min; the y-intercept (K_s/V) is -693 which results in $K_s = 0.91 \text{ mM}$.