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Figure 6

(A) Schematic diagram illustrating the experimental setup for measuring the effect of temperature on the rate of reaction between hydrogen peroxide and potassium iodide. The reaction mixture is contained in a flask submerged in a water bath.

(B) Graph showing the rate of reaction (measured by the volume of oxygen gas evolved over time) versus temperature. The rate increases significantly as temperature rises from 20°C to 40°C, indicating a positive correlation between temperature and reaction rate.

