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Supplementary Materials

ZnO/MWCNTs/Au Based Nano Biosensor for Detection of Lactate in Food Samples

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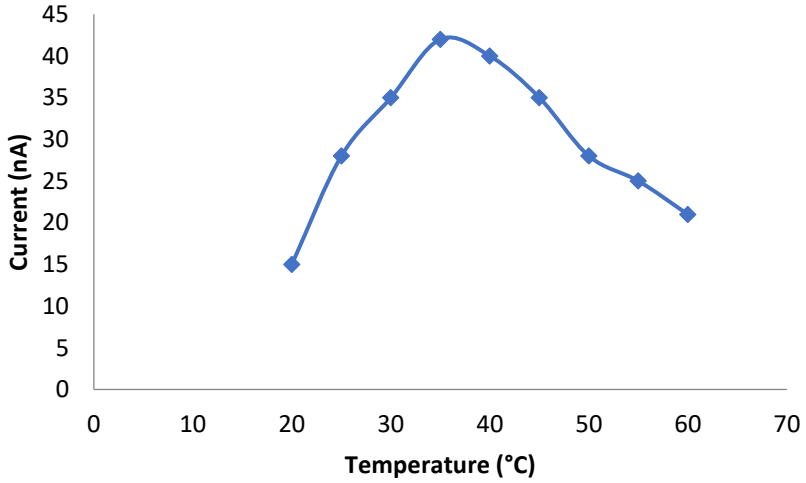

Figure S1. Effect of temperature on the reaction current at room temperature

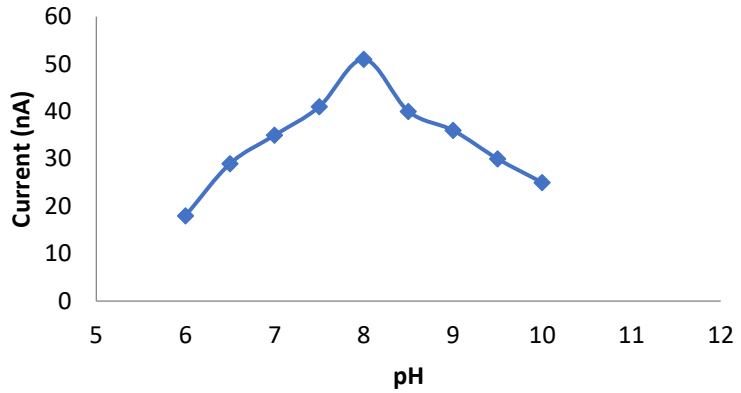

Figure S2. Effect of pH on the reaction current at room temperature

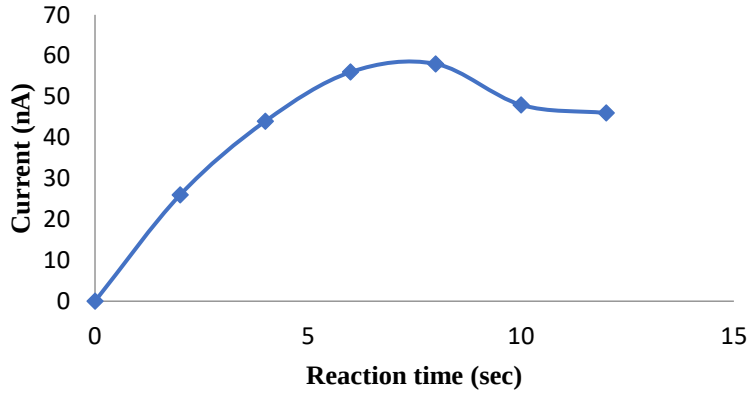

Figure S3. Effect of Incubation Time on the biosensor at room temperature

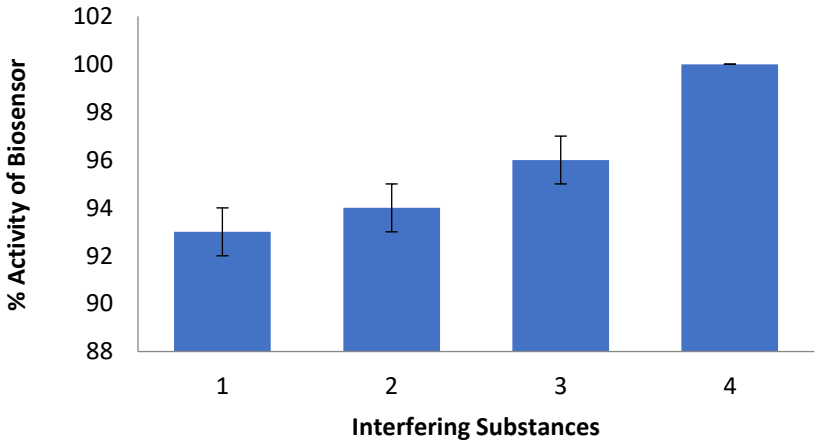

Figure S4. Effects of Interfering Substances on the activity of the newly fabricated biosensor at room temperature where 1 = citric acid, 2 = ascorbic acid, 3 = glucose and 4 = none

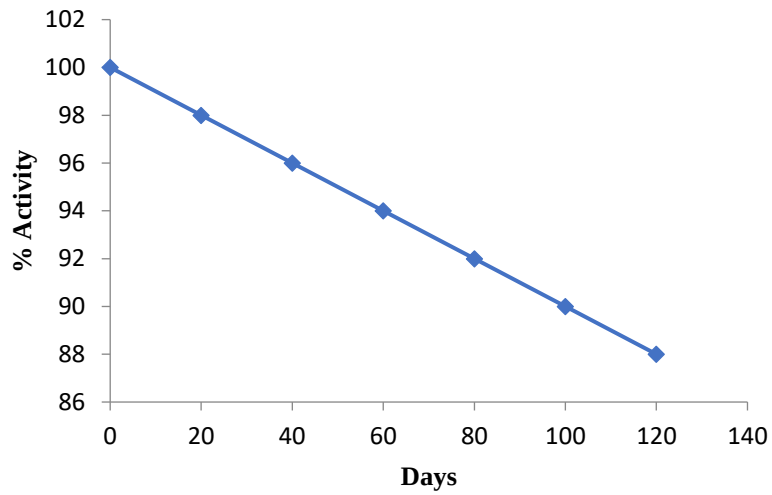

Figure S5. %Activity of the newly fabricated biosensor with respect to number of days

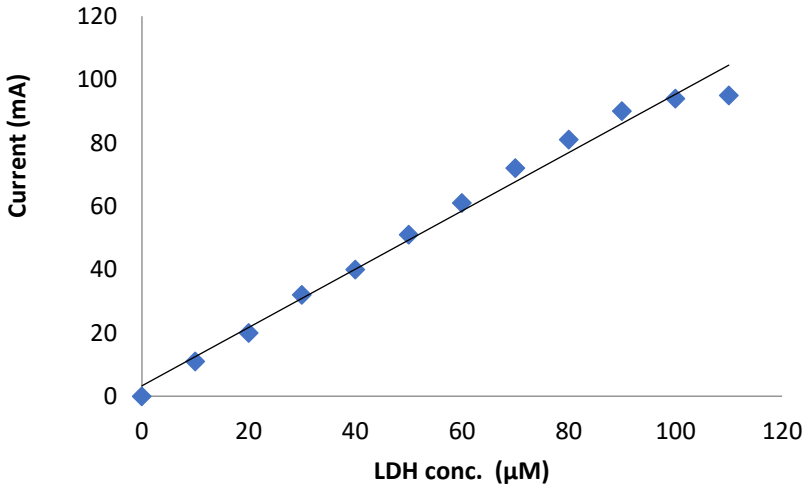

Figure S6. Shows the calibration curve of the fabricated biosensor biosensor at room temperature