

Thermal Detection of Glucose in Urine using a Molecularly Imprinted Polymer as Recognition Element.

Supplementary information

Manlio Caldara^{1*}, Joseph W. Lowdon¹, Renato Rogosic¹, Rocio Arreguin-Campos¹, Kathia L. Jimenez-Monroy¹, Benjamin Heidt¹, Kristina Tschulik², Thomas J. Cleij¹, Hanne Diliën¹, Kasper Eersels¹ and Bart van Grinsven¹

1. Sensor Engineering Department, Faculty of Science and Engineering, Maastricht University, P.O. Box 616, 6200 MD Maastricht, the Netherlands

2. Faculty of Chemistry and Biochemistry, Analytical Chemistry II, Ruhr University Bochum, Universitätsstr. 150, ZEMOS, 44801 Bochum, Germany

* Corresponding author: m.caldara@maastrichtuniversity.nl

Supplementary: Figures

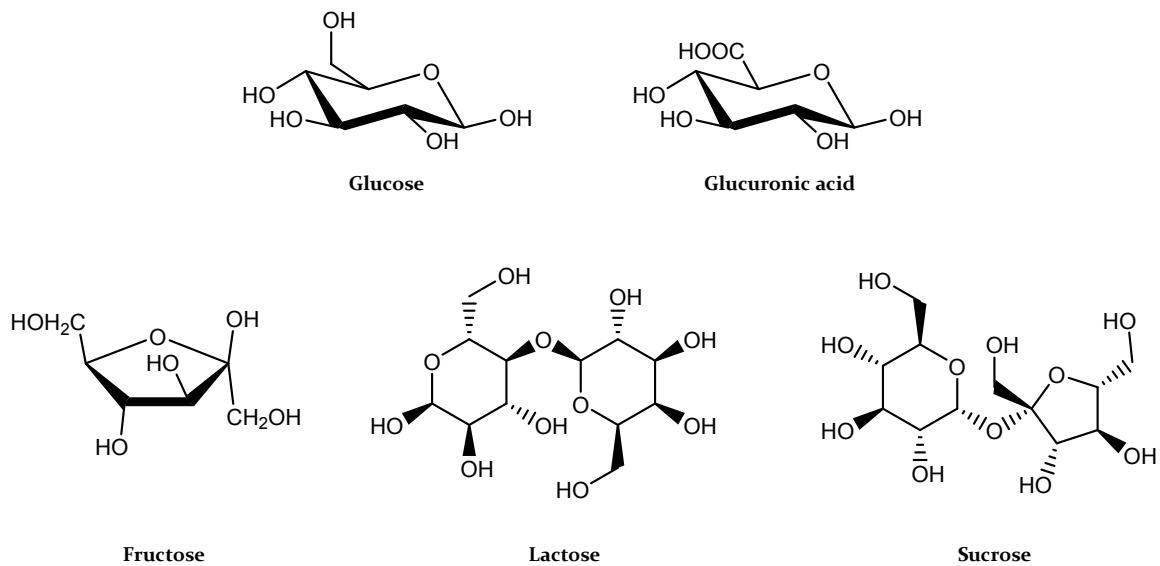


Figure S1. Chemical structures of Glucose, Glucuronic acid, Fructose, Lactose and Sucrose.



Figure S2. Test strips for detection of glucose in urine show no presence of glucose in the collected urine samples.