Microchip Integrating Magnetic Nanoparticles for Allergy Diagnosis

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S.1 Calibration curve of anti-α-lac IgG (AbI) obtained with ELISA technique.
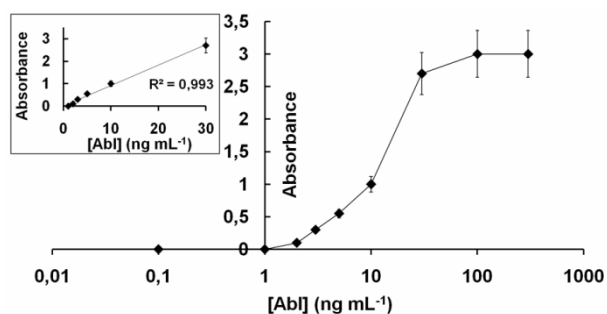

Fig. S1. Calibration curve of target AbI obtained in microplate using catalytic amplification for the detection step. Target AbI was incubate for 3 h, phosphatase alacaline labeled anti target AbI at 1 μg mL^{-1} was incubate for 2 h and after washing step, p-nitro phenyl phosphate (pNPP) substrate was incubate for 30 min and colored product was read at 405 nm. The inset is a focused on the 0-30 ng ml^{-1} concentration range which exhibits a good linearity.