Supporting Information

Direct Measurements of the Saturated Vapor Pressure of Water Confined in Extended Nanospaces using Capillary Evaporation Phenomena

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Table S1 The fabricated sizes and its capillary radius of the extended nanospaces.

Width / nm	Depth / nm	Capillary radius *r* / nm
120	90	103
420	190	262
840	370	514

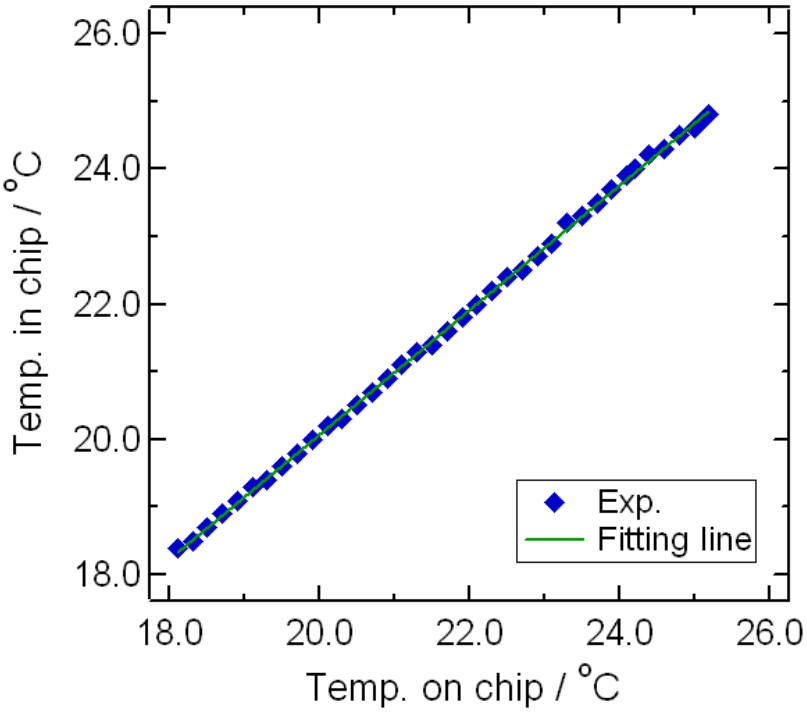

Figure S1 Plots of the experimental in chip temperatures *vs.* on chip temperatures, and their fitted line.

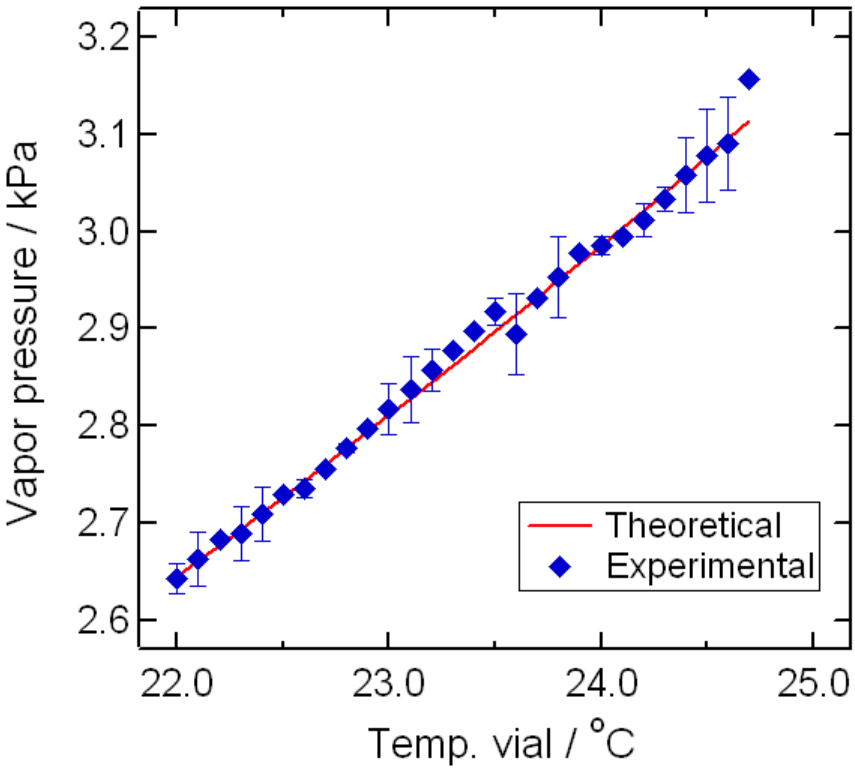

Figure S2 Plots of the experimental and theoretical vapor pressure values against temperatures. The theoretical values were calculated using Wagner's equation (see Ref. 18.). Error bars represent 2σ uncertainties.