

Supporting Information

One Single Tube Reaction of Aptasensor-Based Magnetic Sensing System for Selective Fluorescent Detection of VEGF in Plasma

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Table S1. The VEGF concentrations in the plasma of the healthy and cancer populations [30].

The Kind of Cancer	The Plasma VEGF of the “Healthy Individuals”	The Plasma VEGF of the “Cancer Patients”
Breast cancer	0.027 – 0.030 ng/mL	0.037 – 0.310 ng/mL
Prostate cancer	0.032 – 0.730 ng/mL	0.013 – 0.061 ng/mL
Colorectal cancer	0.019 – 0.211 ng/mL	0.009 – 0.126 ng/mL
Other cancer	0.023 – 0.137 ng/mL	0.009 – 0.026 ng/mL

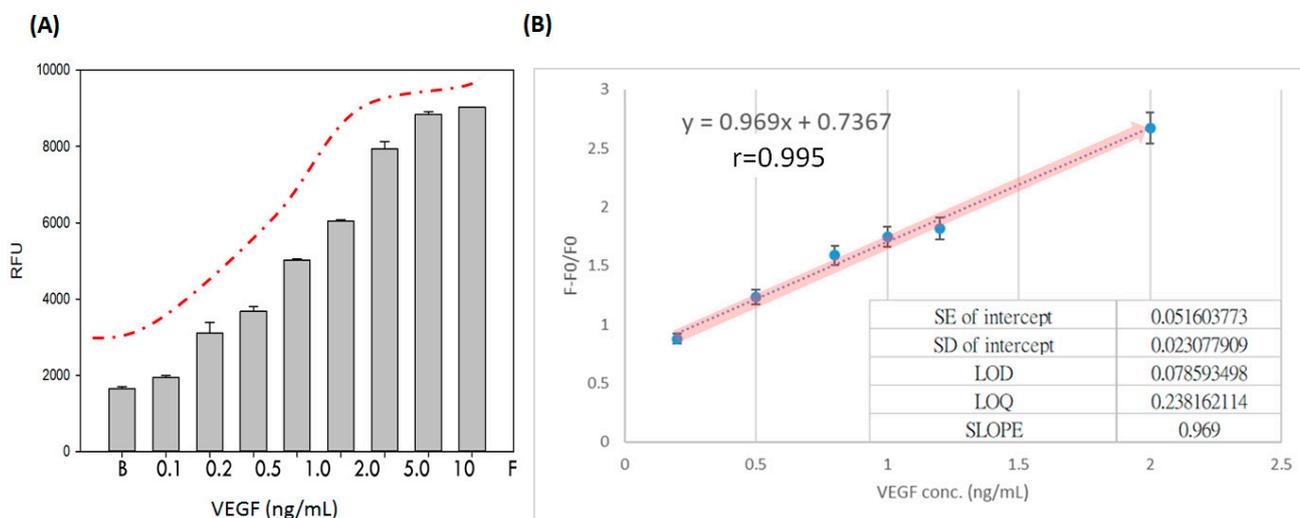


Figure S1. (A) The different concentrations of the VEGF versus the fluorescent intensities. (B) the calibration curve of VEGF by using F-F0/F0 vs the concentration of VEGF from 0.2 to 2.0 ng/mL.