analytical chemistry

Addition/Correction

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Correction to Using A Fiber Optic Particle Plasmon Resonance Biosensor To Determine Kinetic Constants of Antigen−Antibody Binding Reaction

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The data in Tables 1 and 2 have been mixed up in the original paper. The corrected data are in the tables below.

Table 1. Association Rate Constant (k_a) and Dissociation Rate Constant (k_d) of Anti-Ovalbumin (Anti-OVA) and Ovalbumin (OVA) Binding System Measured with Various Methods[a]

k_a (M^{-1} s^{-1})	k_d (s^{-1})	K_f (M^{-1})	ref
$(7.21 \pm 0.4) \times 10^3$	$(2.97 \pm 0.1) \times 10^{-3}$	$(2.43 \pm 0.2) \times 10^6$	this study
6.50×10^5	2.10×10^{-2}	3.10×10^7	29
1.06×10^5	2.49×10^{-4}	4.27×10^8	30

[a]The measurement uncertainty in this study is estimated with the binding kinetics data using five FOPPR chips.

Table 2. Association Rate Constant (k_a) and Dissociation Rate Constant (k_d) of Anti-IgG and IgG Binding System Measured with Various Methods[a]

k_a (M^{-1} s^{-1})	k_d (s^{-1})	K_f (M^{-1})	ref
$(1.45 \pm 0.2) \times 10^6$	$(2.97 \pm 0.6) \times 10^{-2}$	$(5.05 \pm 1.3) \times 10^7$	this study
5.25×10^6	8.00×10^{-2}	6.70×10^7	33
1.30×10^6	2.00×10^{-4}	6.70×10^9	20

[a]The measurement uncertainty in this study is estimated with the binding kinetics data using five FOPPR chips.

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