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Response to Letter to the Editor

Response to “Comments on “Sensitive immunoassays of nitrated fibrinogen in human biofluids” by Tang et al.”

The authors would like to thank Professor Michal B. Ponczek (Talanta xxx (2010) XXX) for his comments on our original article and for pointing out an error in our assumption on fibrinogen isoforms. On Page 1665, the 2nd sentence of the first paragraph should be corrected to read:

“Human fibrinogen is composed of dimers of three different polypeptide chains ($\alpha_2\beta_2\gamma_2$) having 9, 21, and 20 tyrosines, respectively, and a total of 100 in the entire protein. Thus, the observed stoichiometry of 15 nitrotyrosines per molecule of fibrinogen suggests an average 15% of all tyrosines residues are nitrated.”

Yuehe Lin*

Pacific Northwest National Laboratory, 902 Battelle Boulevard, PO Box 999, Richland, WA 99352, United States

*Tel.: +1 509 371 6241.

E-mail address: Yuehe.lin@pnl.gov

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