

Corrections

Fluoride Binding in Hemoproteins: The Importance of the Distal Cavity Structure, by Francesca Neri, Donne Kok, Mark A. Miller, and Giulietta Smulevich*, Volume 36, Number 29, July 22, 1997, pages 8947–8953.

The binding constant for fluoride binding to wt CCP was incorrectly reported as 3×10^{-5} M at pH 5.0, 25 °C. The correct value is $(1.8 \pm 0.4) \times 10^{-6}$ M at pH 5.0. As a result of the error, the quantitative effects of the Arg48 → Leu and His52 → Leu mutations on fluoride binding were underestimated in the original manuscript. The Arg48 → Leu mutation decreases the stability of the complex by 1.4×10^4 fold (5.7 kcal/mol) while the His52 → Leu mutation decreases the stability of the complex by 480-fold (3.7 kcal/mol).

BI975032M

S0006-2960(97)05032-0

Published on Web 06/02/98