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Conjugation of glutathione to oxidized tyrosine residues in peptides and proteins.

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Fig. 6 has been revised to correct an error in the quantification of GSH adducts. The data points in the original Fig. 6A were mistakenly calculated for only one of the major GSH adduct peaks (shown in Fig. 4B), giving a false impression of a lag between substrate loss and product formation. This is not the case when all product peaks are integrated (as they do not decay at the same rate). The corrected figure shows integration for all of the peaks. The *open circles* in Fig. 6B were at zero on the *y* axis and indicated that no product was formed when the reduced GSH adduct was incubated over time. The data correspond to the *open circles* in Fig. 6A showing no loss of starting material. Rather than showing the zero points, the legend has been revised to indicate that no reduced hydroxide was detected in the sample reduced with NaBH₄. These corrections do not affect the interpretation of the results or the conclusions of this work.

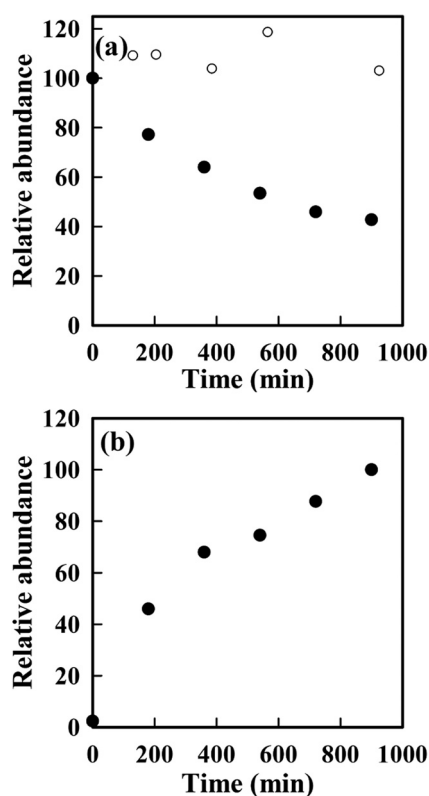


FIGURE 6. **Time course for dissociation of the GSH adduct of ELGYQG and prevention by NaBH₄ reduction.** Loss of GSH adduct without (●) or with NaBH₄ reduction (○) is shown. *a*, the GSH adduct was prepared as in Fig. 4 with and without NaBH₄ reduction (20 mM for 30 min) then reacted with iodoacetamide (10 mM in the dark). Samples were removed at intervals and analyzed by LC-MS with SRM at *m/z* 495.2→449.3 for the non-reduced and *m/z* 496.2→450.3 for the reduced GSH adduct. The amount of adduct at time zero is set at 100%. *b*, time course for recovery of the hydroxide (●), monitored by SRM at *m/z* 682.3→589.4. Reduced hydroxide monitored by SRM at *m/z* 684.3→591.4 was not detected in the sample reduced with NaBH₄. The amount of hydroxide measured at 900 min was set at 100%.

Authors are urged to introduce these corrections into any reprints they distribute. Secondary (abstract) services are urged to carry notice of these corrections as prominently as they carried the original abstracts.