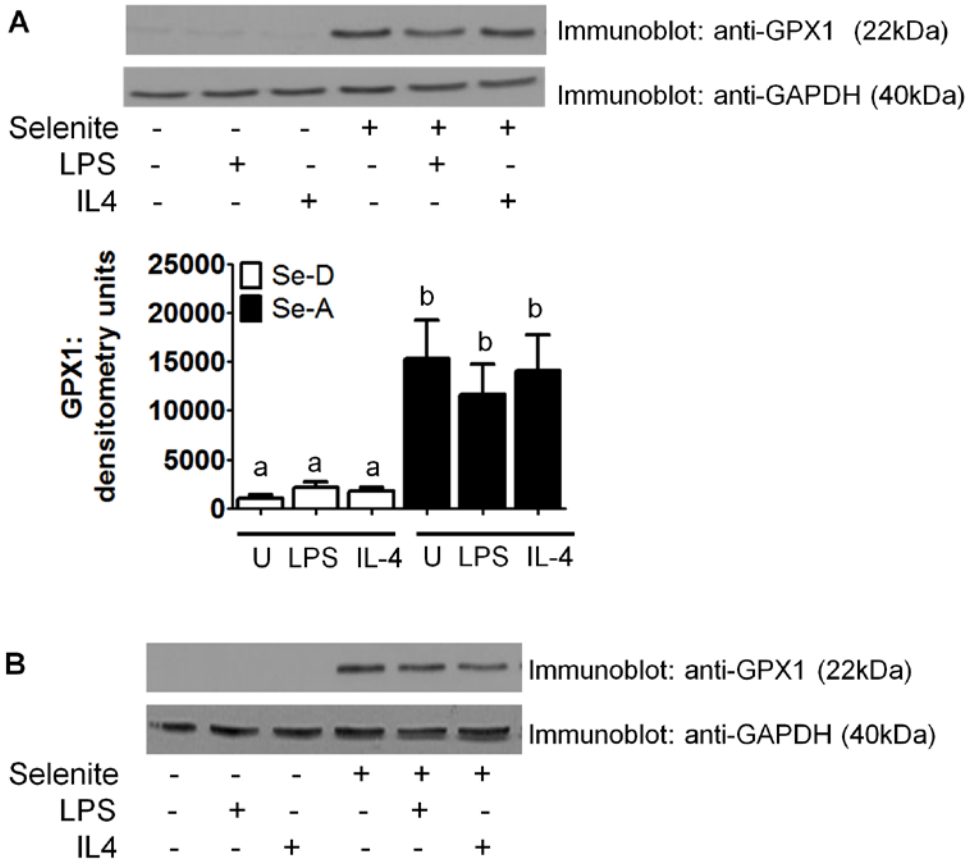
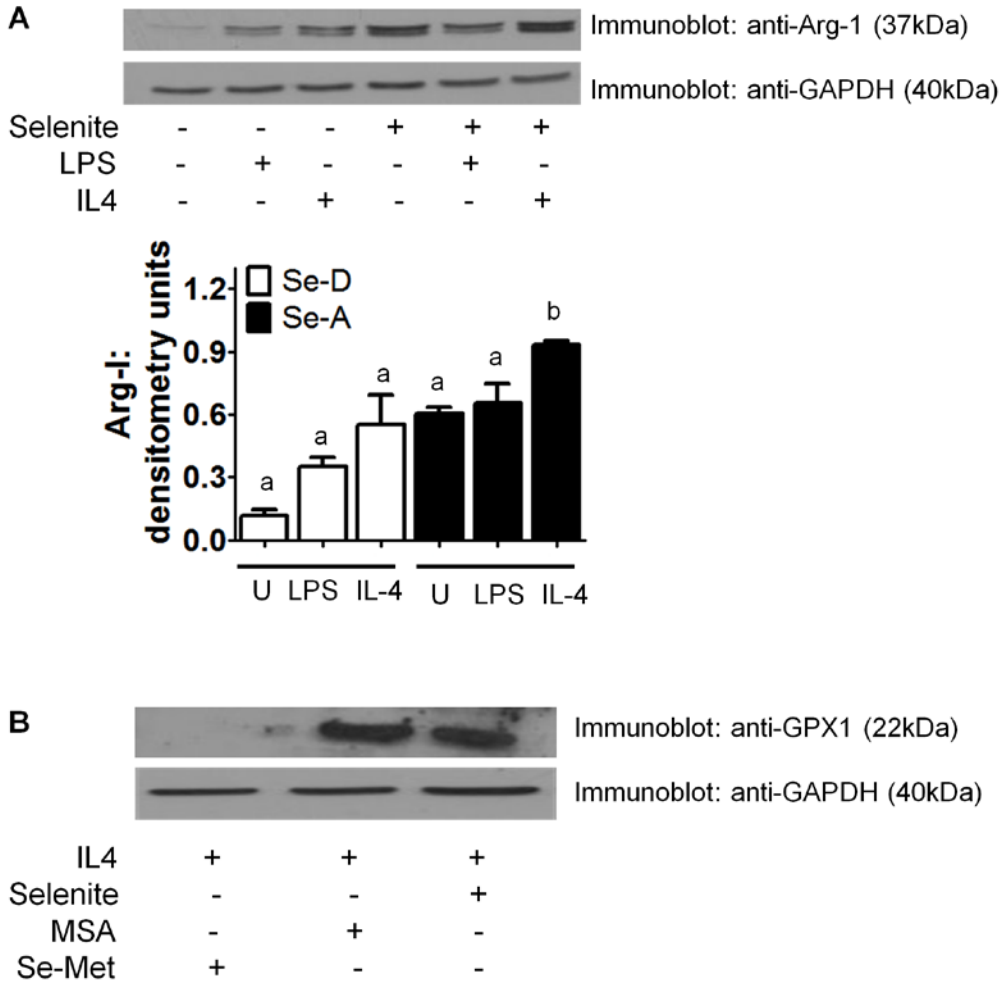
Online supporting material



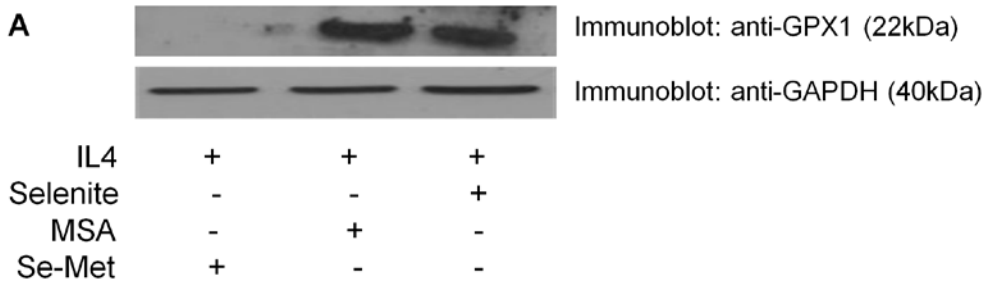
Supplemental Fig. 1: *Effect of inorganic selenium on the expression of GPX1 in macrophages.* (A). BMDM were isolated from Se-D or Se-A mice. Cells were stimulated with IL-4 (5 mg/L) for 20 h or LPS (1 mg/L) for 12 h. (B). RAW 264.7 macrophages were cultured in the absence or presence of Se for 4 d, and GPX1 expression was examined. Bands were evaluated by densitometry. Values are means ± SEM, n=3. Data was analyzed by ANOVA with tukey post-hoc testing. Within each graph, means without a common letter differ, a>b>c; $P < 0.01$.

Online supporting material



Supplemental Fig. 2. *Selenium supplementation of macrophages increases Arg-I expression* BMDM were stimulated with IL-4 (5mg/L; 20 h) and LPS (1mg/L; 12 h) and prepared for western blot analysis. Bands were evaluated by densitometry. Data was analyzed by ANOVA with tukey post-hoc testing. Within each graph, means without a common letter differ, a>b>c; $P < 0.01$.

Online supporting material



Supplemental Fig. 3. *Selenium in the form of selenoproteins is essential for Arg-I expression* Following treatment with sodium selenite, MSA, or Se-Met, RAW 264.7 were stimulated with IL-4 (5mg/L; 20 h) and prepared for western blot analysis. Values are representative data from one experiment, which is indicative of a pattern seen.