Electronic supplementary information

Quantification of selenium-tagged proteins in human plasma using species-unspecific isotope dilution ICP-DRC-*q*MS coupled on-line with anion exchange chromatography

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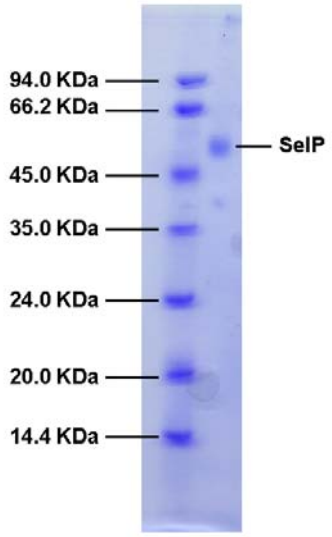

Figure S1. Sodium dodecyl sulfate-polyacrylamide gel electrophoresis of purified SelP.

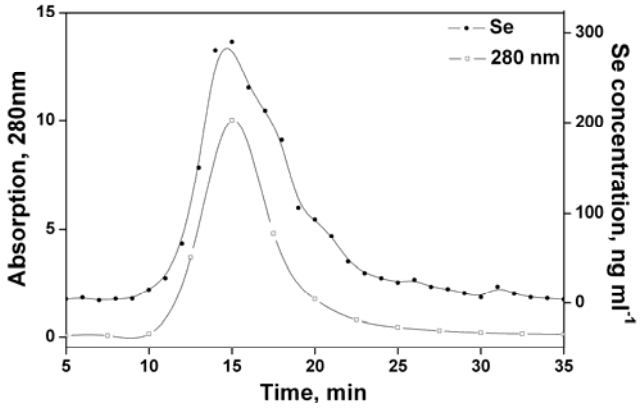

Figure S2. The fraction of SelP purified by affinity chromatography monitored using UV (280nm) and ICP-DRC-*q*MS (^{80}Se).

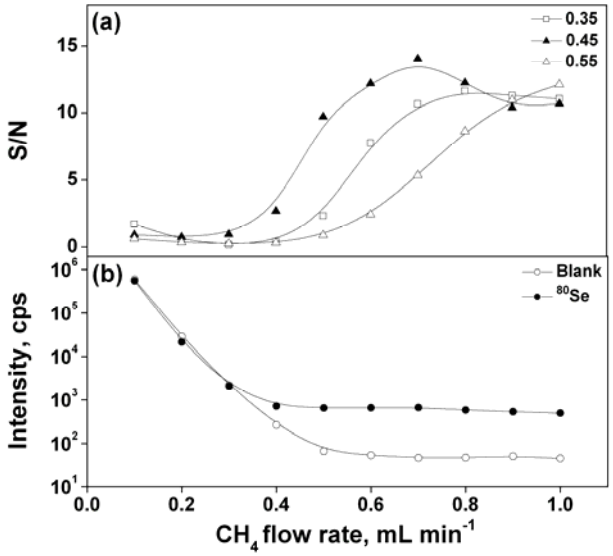

Figure S3**.** Effect of CH_4 flow rate on (a) S/N under different Rpq values and (b) ^{80}Se signal intensity of selenium standard solution (10 ng mL^{-1}) and blank solution at Rpq = 0.45.

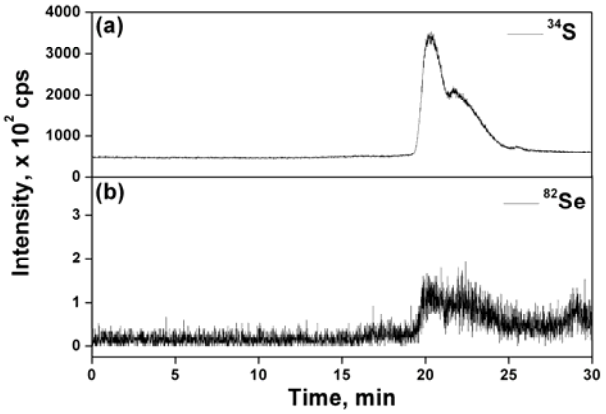

Figure S4. Chromatogram of human serum albumin economically available monitored using ^{34}S and ^{82}Se by AEC/ICP-DRC-*q*MS.

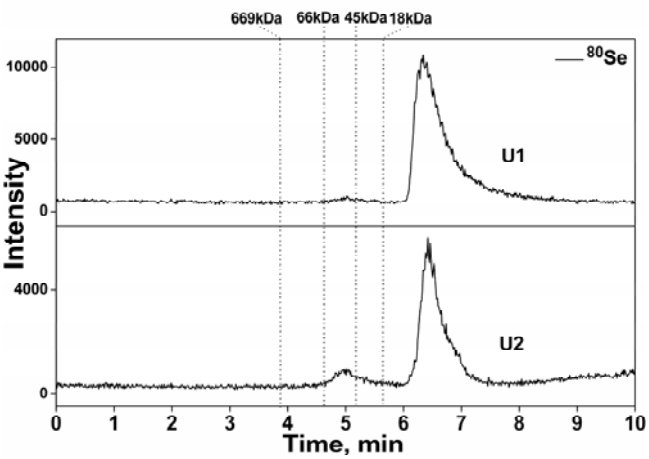

Figure S5**.** Chromatogram of U1 and U2 analyzed by SEC/ICP-DRC-*q*MS. Mobile phase was ultra-pure water and the flow rate was 0.5 mL min^{-1}.