



**SUPPLEMENTAL FIGURE 1.** Values of  $\sigma_{CLIA}$  derived from proficiency testing data compared at different concentrations. Note: A, B, C, D, E and F are derived from routine chemistry proficiency testing materials with lot numbers 201721, 201722, 201723, 201724, 201725, and the average of the five lots, respectively. Alb - albumin, g/L. ALT - alanine aminotransferase, U/L 37 °C. BT - bilirubin, total,  $\mu\text{mol/L}$ . Glc - glucose, mmol/L. CREA - creatinine,  $\mu\text{mol/L}$ . Urea, mmol/L. K - potassium, mmol/L. Na - sodium, mmol/L. Cl - chlorides, mmol/L. Ca - calcium, mmol/L.