**S1 Fig.**

**Supplemental Fig 1A. PTN cross-reactivity with MDK.** PTN concentrations were measured in 1) the buffer without PTN, 2) the buffer + 50 ng/mL of human recombinant MDK, 3) the buffer spiked with 1.2 ng/mL of human recombinant PTN, 4) the buffer spiked with 1.2 ng/mL human recombinant PTN and 50 ng/mL of MDK. There was no cross-reactivity with 50 ng/mL of MDK.

**Supplemental Fig 1B. MDK cross-reactivity with PTN**. MDK concentrations were measured in 1) the buffer without MDK, 2) the buffer + 50 ng/mL of human recombinant PTN, 3) the buffer spiked with 1.2 ng/mL of human recombinant MDK, 4) the buffer spiked with 1.2 ng/mL human recombinant MDK and 50 ng/mL of MDK. There was no cross-reactivity with 50 ng/mL of PTN.