

Fluorescence polarization: lab results

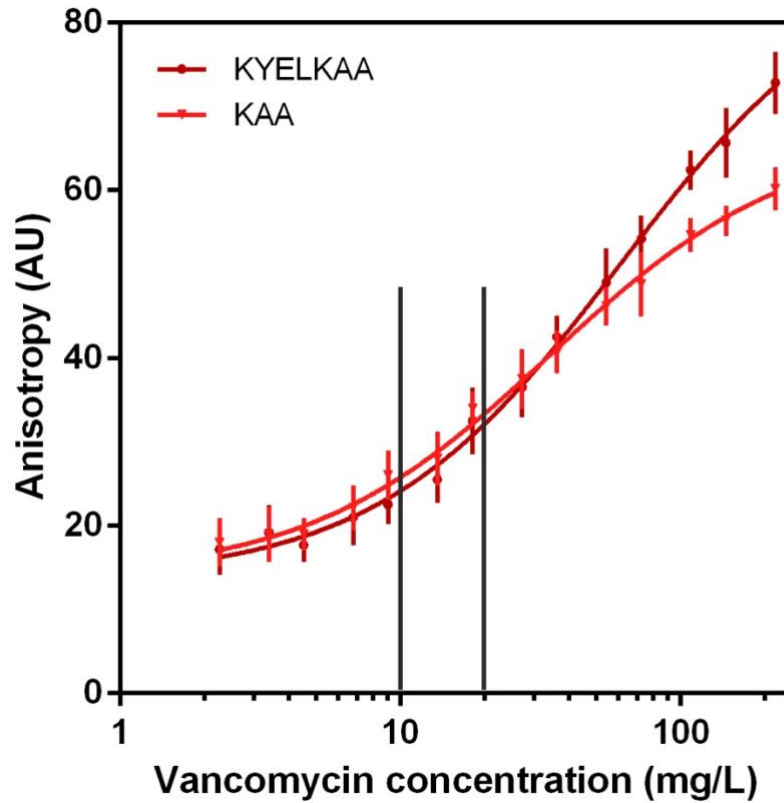


Figure 1: Anisotropy in function of Vancomycin concentration. Two different peptides are used: the classical KAA, and KYELKAA, another peptide that we synthesized and that we will use for the competition. Solid vertical lines represent the therapeutic range (10 to 20 mg/L)

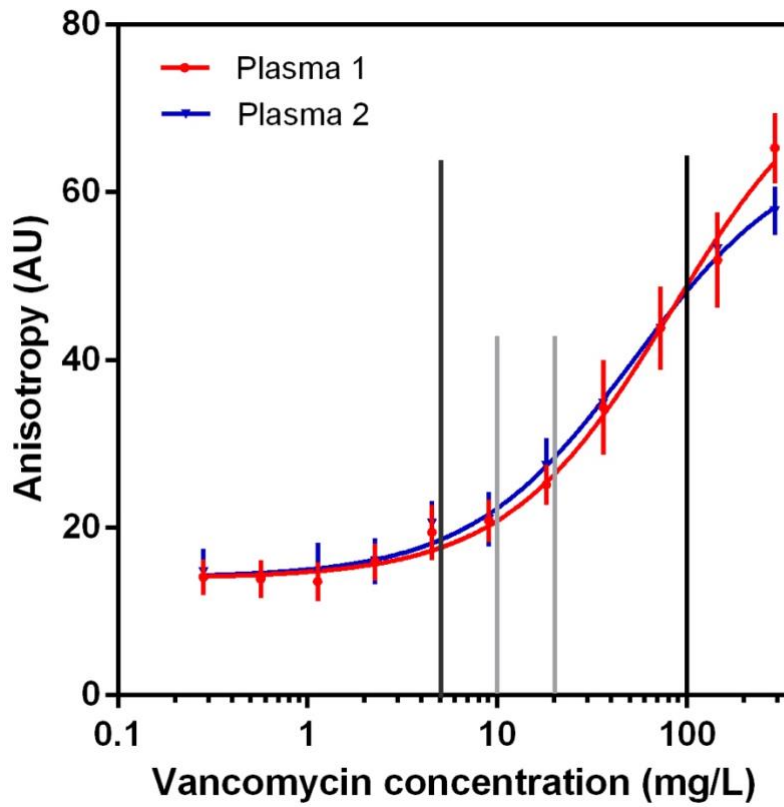


Figure 2: Anisotropy in function of peptide concentration, using KYELKAA peptide, in two different plasma sources. Light grey solid vertical line represents the therapeutic range (10 to 20 mg/L), and dark grey solid vertical line represents the measurement range for the SensUs competition (5 to 100 mg/L).

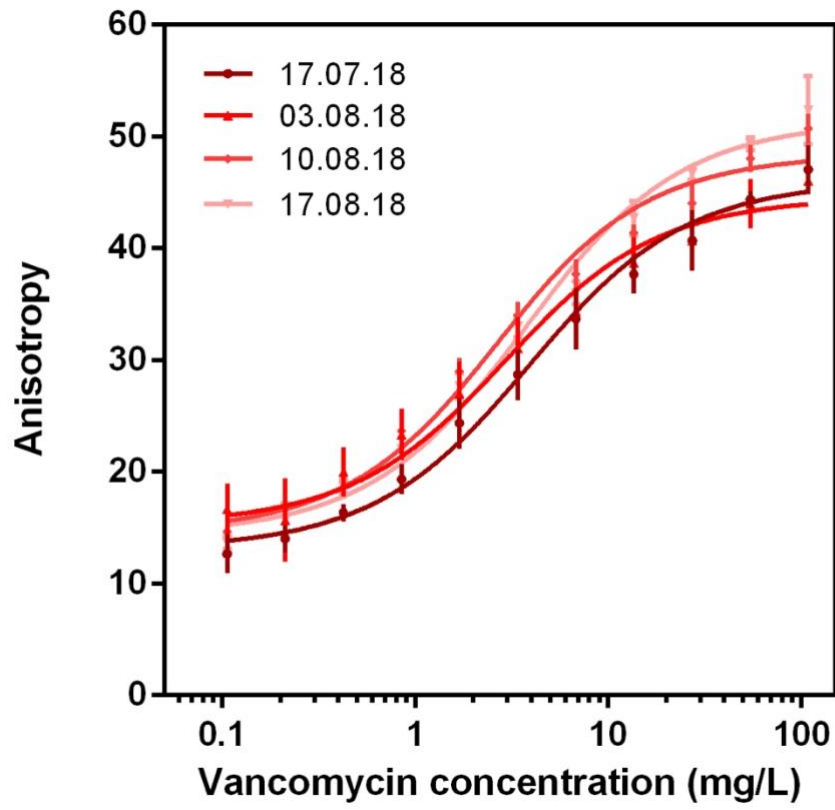


Figure 3: Anisotropy in function of Vancomycin concentration. Measurements are made over the span of a month, when the peptide solution is kept at room temperature.