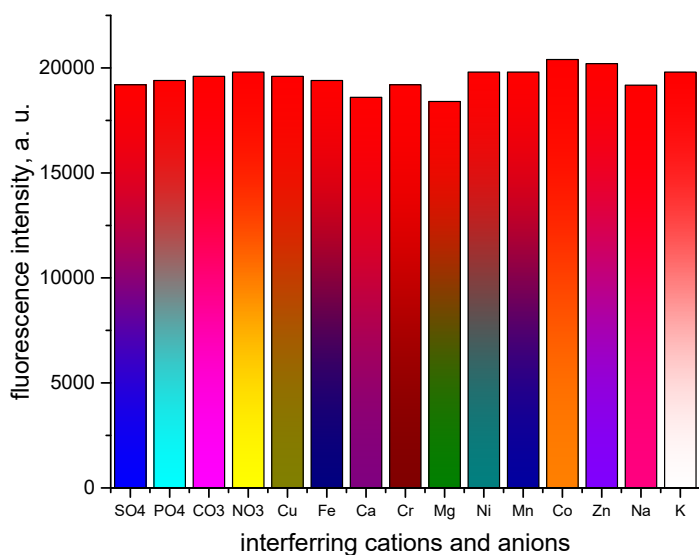
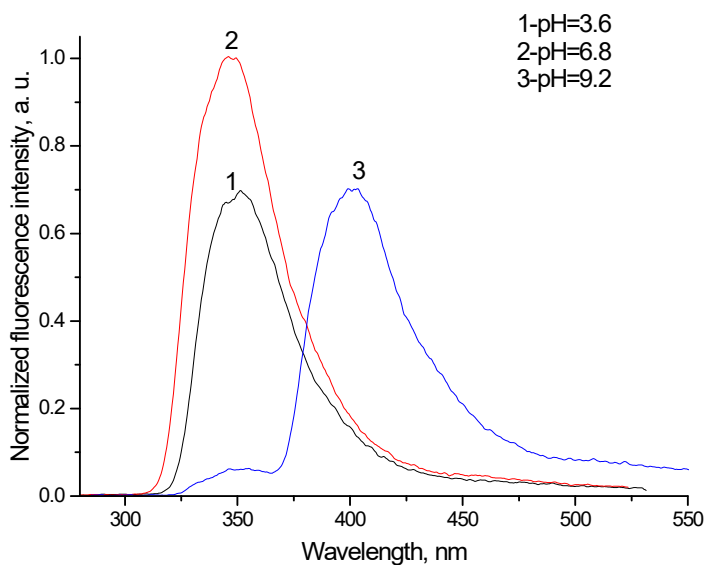


Supplementary data



Effect of anions and cations interference on the detection of AFP by binaphthol biosensor, there is no quenching for the fluorescence intensity of the biosensor. There is no interference by different cations and anions solution.



Fluorescence emission spectra of $2 \times 10^{-5} \text{ mol L}^{-1}$ of binaphthol at different pH. The more preferred pH is 6.8 at which high fluorescence intensity of the biosensor is obtained. All experiments were done in aqueous solutions (distilled water)