

Supplementary Material

Ultrafast Screening of Serum for Early Prediction of Diabetes by Fractalkine Detection

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The limits of the linear concentration range were determined experimentally. First 3 points, and last 3 points were not on the linear range (Figure S1). Also, all data from the calibration graph were used for the statistic linear regression method in order to find the a, and b terms of the equation $1/t_{on} = a + b \times \text{Con}_{\text{FKN}}$

While there are many ways of calculating or experimental determination of the limit of quantification, we select to use the one recommended by the latest document provided by IUPAC, found in paragraph 3.36, Note 3¹⁴.

In this supplementary material, we provide the calibration graph – as obtained using the experimental data (Figure S1)

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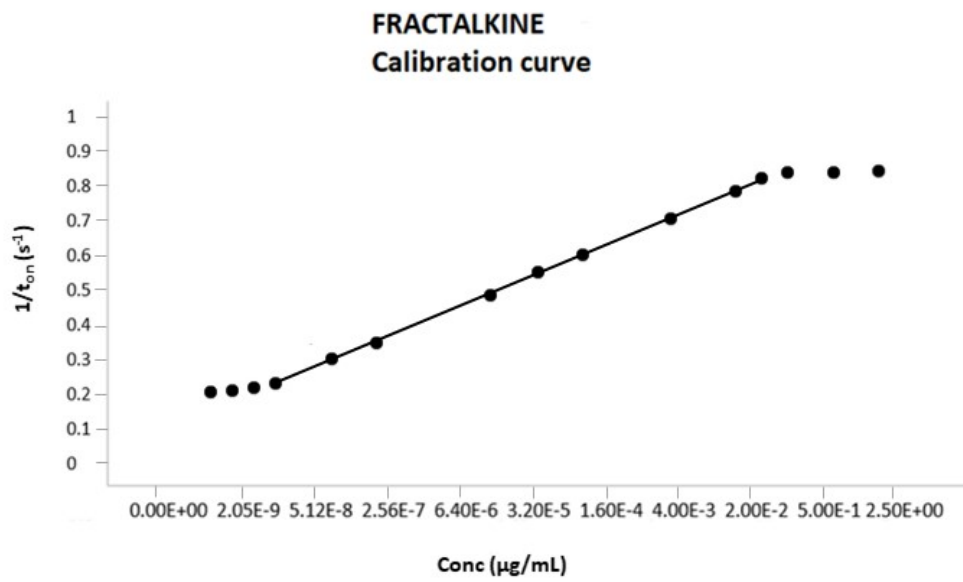


Figure S1 Calibration curve of FKN.