Supporting information

A rapid colorimetric paper-based sensor strip for point-of-care monitoring of the blood plasma coagulation

Elmira Rafatmah,[a] Bahram Hemmateenejad[*a]

[a] Chemistry Department, Shiraz University, Shiraz, Iran.

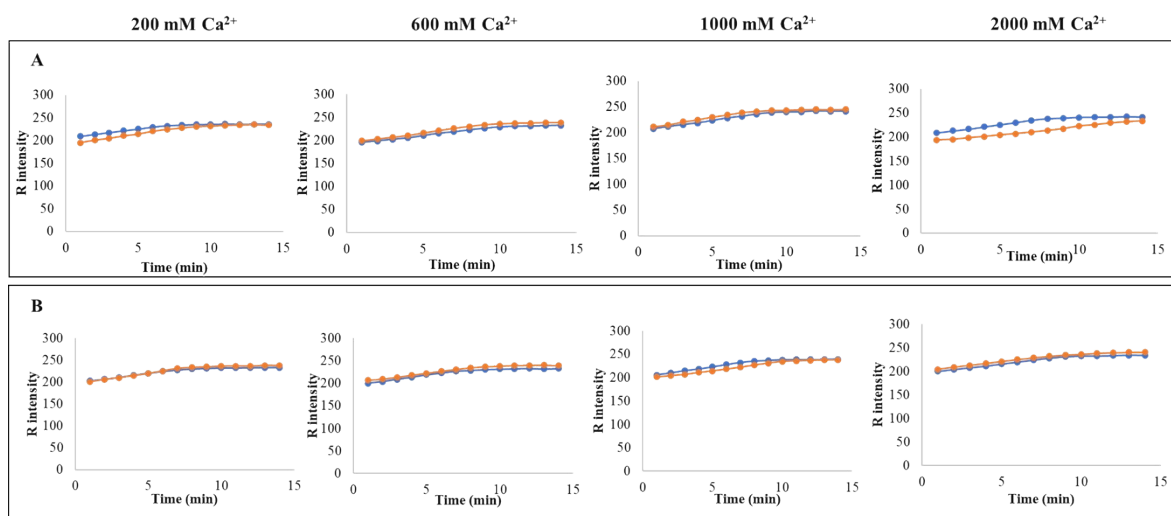[b]*Corresponding author E-mail address: hemmatb@shirazu.ac.ir

Figure S1. Comparison between the intensity of factor R when using plasma samples of level 1 and 2 on the sensor prepared in different conditions of calcium ion concentration (200-2000 mM) in the absence of thromboplastin (row A) and the presence of thromboplastin (row B)
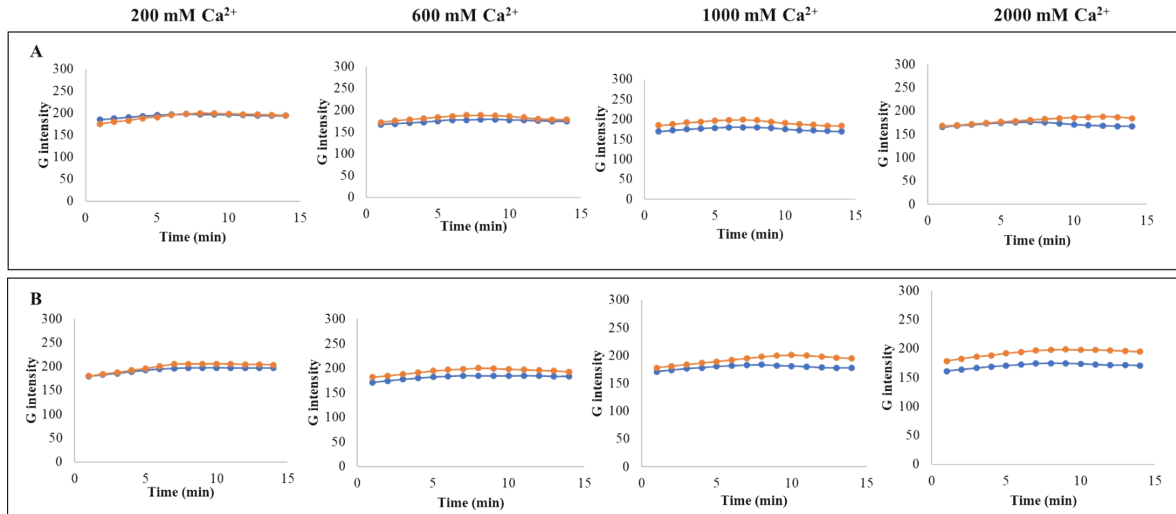
Figure S2. Comparison between the intensity of factor G when using plasma samples of level 1 and 2 on the sensor prepared in different conditions of calcium ion concentration (200-2000 mM) in the absence of thromboplastin (row A) and the presence of thromboplastin (row B).
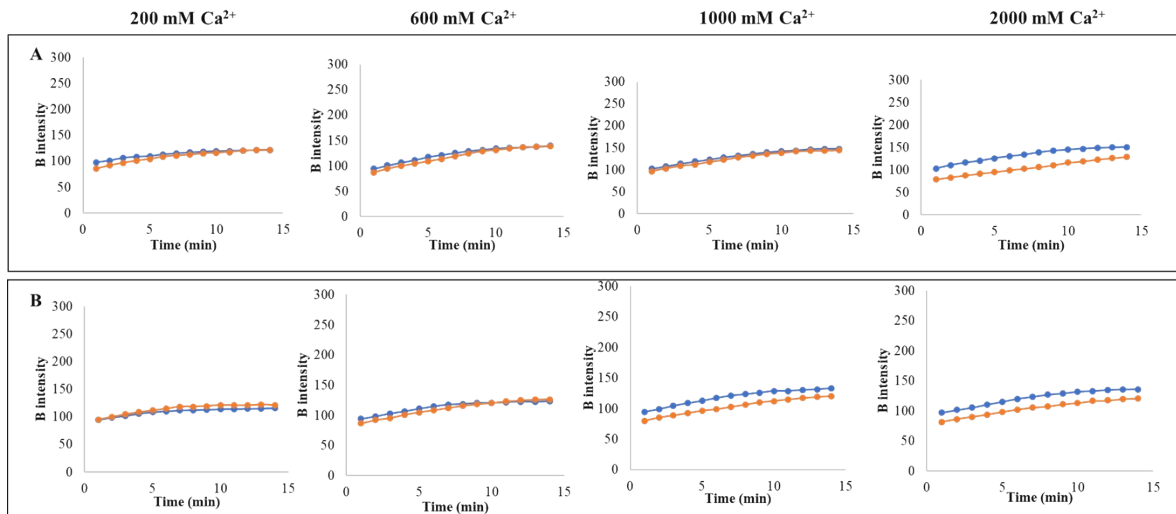

Figure S3. Comparison between the intensity of factor B when using level 1 and 2 plasma samples on the sensor prepared in different conditions of calcium ion concentration (200-2000 mM) in the absence of thromboplastin (row A) and the presence of thromboplastin (row B).

Table S1. Calibration curve data points

INR value plasma sample	Average B intensity of three replicates
1.083333	132.9967
1.09	131.9933
1.097561	134.334
1.154472	134.284
1.197431	133.5223
1.047619	142.8983
1.146341	141.5483
1.710776	137.1107
1.710776	137.9667
2.035602	137.2743
2.533333	129.3497
2.61	122.3733
2.699187	128.4103
2.943089	132.89
2.958333	123.668
3.708333	122.5753
5.2	115.6637