Study	LOB nM (study)	LOB nM (LFApp)	LOD nM (study)	LOD nM (LFApp)	LOQ nM (study)	LOQ nM (LFApp)
Ruppert et al., 2019 Digoxigenin calibration (iPhone 5S)	13,1	8,21	31,3	28	123,7	84
Ruppert et al., 2019 Digoxigenin serum (iPhone 5S)	29,2	4,59	39,4	11,6	77,2	34,9
Ruppert et al., 2019 Digoxigenin calibration (Bioimager)	17,2	5,01	29,7	17,1	86,8	51,2
Ruppert et al., 2019 Digoxigenin serum (Bioimager)	29,2	3,15	39,4	7,97	77,2	23,9
Mahmoud et al., 2020 Thrombin (Huawei P30 Pro)*	na	3,12	3	12,6	na	37,9
Mahmoud et al., 2020 IL-6 (Huawei P30 Pro)	na	9,55	100	38,6	na	116
Ruppert et al., 2020 CRP (Bioimager)	0,33	1,09	1,27	2,57	5,52	7,7
Ruppert et al., 2020 IL-6 (Bioimager)	0,46	0,792	2,28	1,86	7,33	5,58

Supplementary Table S1. Side-by-side comparison of LOB, LOD, LOQ values computed by our system and the reported values of other studies.

*reported values are calculated by fitting non-linear calibration model.
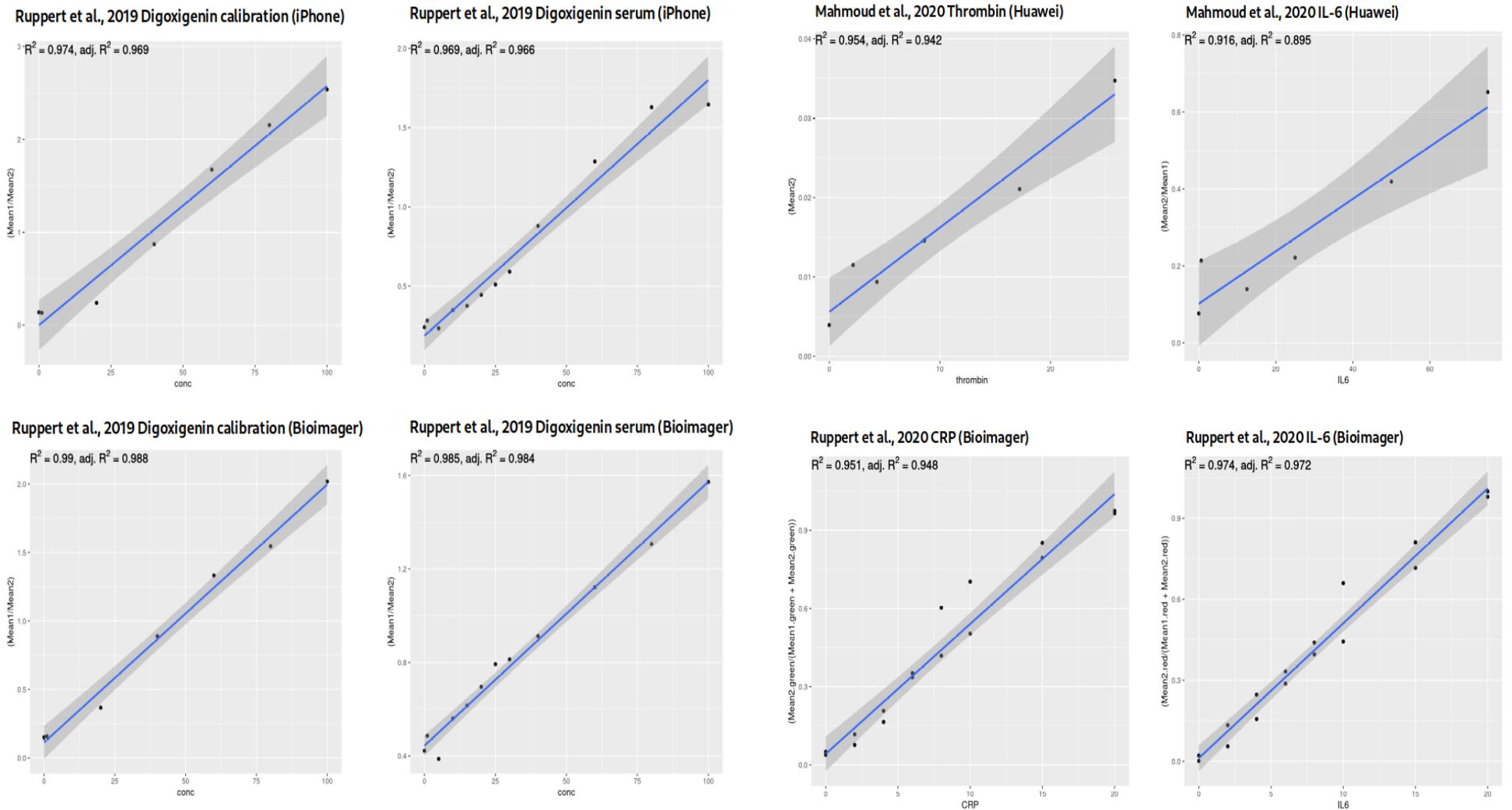
Supplementary Figure S1. Calibration curves computed by LFApp with the data provided by Ruppert et al. 2019, Ruppert et al. 2020 and Mahmoud et al. 2020.