

Improved assessment of accuracy and performance indicators in paper-based

ELISA

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Supporting Information

The m-accuracy macro tool is also available for downloading, as well as the paper-based microplate designs for printing.

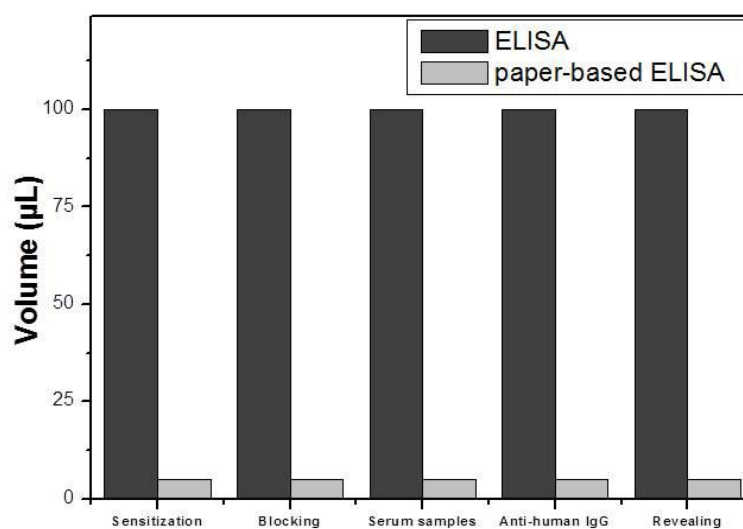


Figure S1 - Comparison between p-ELISA and ELISA techniques in relation to the volume spent per step

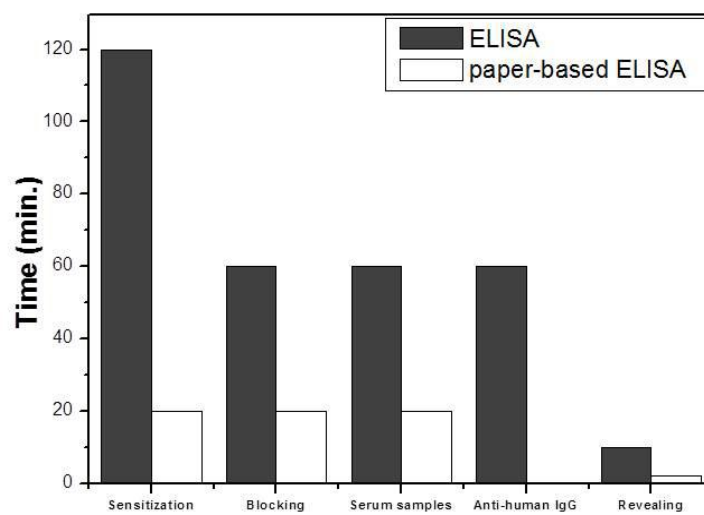


Figure S2 - Comparison between p-ELISA and ELISA techniques in relation to the time spent per step

m-Accuracy tool

m-Accuracy allows for the calculation of accuracy of a new diagnostic test. The analysis is performed by a single command (Ctrl + Shift + T). The functioning of m-Accuracy tool is very straightforward. There are two columns in the macro: in the first column the values obtained by the gold standard test are inputted (in this case 100 results (mean of triplicates) obtained by commercial ELISA benchtop kit (optical density)), while in the second column the values obtained by the new diagnostic test are inputted (for the same samples, in the same order). Figure S1 illustrates the operation of m-accuracy in a tutorial format.

A

	A	B	C	D	E
1	Gold Standard	New test			Press ctrl+shift+T
2			Test Value =		
3					
4					
5					
6					
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35					
36					
37					
38					

B

	A	B	C	D	E
1	Gold Standard	New test			Press ctrl+shift+T
2	2,65	89,54	Test Value =		
3	2,63	90,83			
4	2,75	89,86			
5	2,61	86,11			
6	2,62	84,93			
7	2,56	88,34			
8	2,58	85,18			
9	2,58	88,81			
10	2,47	88,22			
11	2,47	88,25			
12	2,59	85,41			
13	2,52	84,55			
14	2,57	75,44			
15	2,42	73,47			
16	2,47	80,55			
17	2,54	82,07			
18	2,29	68,40			
19	2,32	76,81			
20	2,17	66,55			
21	2,24	66,70			
22	2,43	67,45			
23	2,01	64,11			
24	2,04	64,65			
25	1,96	61,07			
26	2,04	62,80			
27	1,94	70,74			
28	2,02	58,06			
29	2,02	60,68			
30	2,04	61,82			
31	2,00	60,63			
32	2,01	49,48			

C

	A	B	C	D	E
1	Gold Standard	New test			Press ctrl+shift+T
2	2,65	89,54	Test Value =		0,882121212
3	2,63	90,83			
4	2,75	89,86			
5	2,61	86,11			
6	2,62	84,93			
7	2,56	88,34			
8	2,58	85,18			
9	2,58	88,81			
10	2,47	88,22			
11	2,47	88,25			
12	2,59	85,41			
13	2,52	84,55			
14	2,57	75,44			
15	2,42	73,47			
16	2,47	80,55			
17	2,54	82,07			
18	2,29	68,40			
19	2,32	76,81			
20	2,17	66,55			
21	2,24	66,70			
22	2,43	67,45			
23	2,01	64,11			
24	2,04	64,65			
25	1,96	61,07			
26	2,04	62,80			
27	1,94	70,74			
28	2,02	58,06			
29	2,02	60,68			
30	2,04	61,82			
31	2,00	60,63			
32	2,01	49,48			

Microsoft Excel
 Test Value = 0,8821212121212
 OK

Microsoft Excel
 Test Value = 0,8821212121212
 OK

Figure S3. Schematic diagram showing all the steps to calculate the accuracy of a new diagnostic test by m-Accuracy tool. (A) Initial macro screen. (B) Data input: gold standard method in the first column, new method in the second column. (C) Selection of the two columns

containing the values of the results, and Ctrl + Shift + T command pressed, providing an accuracy of 0.88.

Table S1: Original dataset for gold-standard ELISA bench kit

Patient	Meas. 1 (A.U.)	Meas. 2 (A.U.)	Meas. 3 (A.U.)	Average (A.U.)	Standard deviation (A.U.)
1	2.66	2.71	2.59	2.65	0.06
2	2.67	2.61	2.60	2.63	0.04
3	2.77	2.79	2.69	2.75	0.05
4	2.66	2.57	2.60	2.61	0.04
5	2.67	2.61	2.59	2.62	0.04
6	2.49	2.57	2.61	2.56	0.06
7	2.66	2.67	2.42	2.58	0.14
8	2.71	2.52	2.50	2.58	0.12
9	2.44	2.54	2.43	2.47	0.06
10	2.55	2.46	2.41	2.47	0.07
11	2.56	2.65	2.55	2.59	0.06
12	2.55	2.45	2.57	2.52	0.06
13	2.54	2.56	2.59	2.57	0.03
14	2.50	2.35	2.41	2.42	0.08
15	2.58	2.43	2.40	2.47	0.10
16	2.57	2.56	2.50	2.54	0.04
17	2.29	2.35	2.22	2.29	0.06
18	2.29	2.35	2.34	2.32	0.03
19	2.18	2.23	2.11	2.17	0.06
20	2.28	2.24	2.21	2.24	0.03
21	2.45	2.44	2.40	2.43	0.03
22	1.98	1.97	2.10	2.01	0.07
23	2.02	2.10	1.99	2.04	0.06
24	1.99	2.00	1.90	1.96	0.06
25	2.01	2.00	2.10	2.04	0.06
26	1.89	1.98	1.95	1.94	0.04
27	2.02	1.99	2.03	2.02	0.02
28	1.92	1.96	2.19	2.02	0.15
29	2.00	2.00	2.12	2.04	0.07
30	1.98	2.00	2.02	2.00	0.02

31	2.02	1.99	2.03	2.01	0.02
32	1.99	1.90	2.10	2.00	0.10
33	2.01	1.90	1.99	1.97	0.06
34	1.99	2.00	2.01	2.00	0.01
35	2.03	1.89	1.99	1.97	0.07
36	2.05	2.04	1.99	2.02	0.03
37	1.84	1.99	2.00	1.94	0.09
38	1.93	2.09	2.03	2.02	0.08
39	2.00	1.98	2.09	2.03	0.06
40	1.71	1.67	1.70	1.69	0.02
41	1.73	1.73	1.74	1.74	0.01
42	1.49	1.57	1.49	1.52	0.04
43	1.48	1.51	1.50	1.50	0.02
44	1.57	1.44	1.51	1.50	0.07
45	1.44	1.45	1.45	1.45	0.00
46	1.41	1.40	1.40	1.41	0.01
47	1.59	1.50	1.43	1.51	0.08
48	1.43	1.40	1.40	1.41	0.01
49	1.45	1.48	1.50	1.47	0.03
50	1.59	1.44	1.40	1.48	0.10
51	1.44	1.40	1.43	1.42	0.02
52	1.35	1.30	1.30	1.32	0.03
53	1.30	1.32	1.30	1.31	0.01
54	1.21	1.21	1.22	1.22	0.01
55	1.25	1.25	1.23	1.24	0.01
56	1.29	1.25	1.32	1.28	0.03
57	1.22	1.21	1.29	1.24	0.04
58	1.31	1.31	1.28	1.30	0.01
59	1.29	1.29	1.30	1.29	0.01
60	1.27	1.24	1.30	1.27	0.03
61	1.32	1.30	1.30	1.31	0.01
62	1.20	1.23	1.25	1.23	0.02
63	0.97	0.99	0.90	0.95	0.05
64	1.10	1.09	1.00	1.06	0.05
65	1.07	1.03	1.00	1.03	0.04
66	1.01	1.00	0.99	1.00	0.01
67	0.98	0.90	0.98	0.95	0.05
68	0.58	0.55	0.60	0.58	0.03
69	0.48	0.50	0.50	0.49	0.01
70	0.19	0.20	0.20	0.20	0.01
71	0.15	0.15	0.19	0.16	0.02
72	0.16	0.20	0.20	0.19	0.03
73	0.22	0.23	0.30	0.25	0.05

74	0.21	0.30	0.36	0.29	0.08
75	0.16	0.16	0.20	0.17	0.02
76	0.20	0.29	0.20	0.23	0.05
77	0.19	0.20	0.20	0.20	0.01
78	0.15	0.15	0.20	0.17	0.03
79	0.21	0.20	0.19	0.20	0.01
80	0.11	0.20	0.19	0.17	0.05
81	0.13	0.23	0.21	0.19	0.05
82	0.23	0.34	0.20	0.26	0.08
83	0.15	0.22	0.22	0.20	0.04
84	0.14	0.16	0.19	0.16	0.03
85	0.14	0.15	0.16	0.15	0.01
86	0.14	0.20	0.14	0.16	0.04
87	0.19	0.19	0.21	0.20	0.01
88	0.18	0.24	0.20	0.21	0.03
89	0.17	0.17	0.19	0.18	0.01
90	0.20	0.27	0.20	0.22	0.04
91	0.22	0.20	0.30	0.24	0.05
92	0.13	0.20	0.20	0.18	0.04
93	0.18	0.20	0.20	0.19	0.01
94	0.12	0.13	0.13	0.13	0.01
95	0.17	0.17	0.18	0.17	0.01
96	0.30	0.33	0.24	0.29	0.05
97	0.20	0.32	0.20	0.24	0.07
98	0.13	0.19	0.14	0.15	0.03
99	0.18	0.23	0.35	0.25	0.08
100	0.12	0.12	0.20	0.15	0.05

Green: Positive; Gray: uncertain region; Pink: Negative

Table S2: Original dataset for p-ELISA

Patient	Meas. 1 (A.U.)	Meas. 2 (A.U.)	Meas. 3 (A.U.)	Average (A.U.)	Standard deviation (A.U.)
1	86.73	92.45	89.43	89.54	2.86
2	90.46	94.67	87.36	90.83	3.67
3	87.35	89.86	92.36	89.86	2.51
4	81.46	87.64	89.24	86.11	4.11
5	80.46	89.44	84.89	84.93	4.49
6	93.89	83.46	87.66	88.34	5.25
7	91.66	82.55	81.33	85.18	5.64
8	92.63	86.45	87.36	88.81	3.34
9	87.66	95.66	81.33	88.22	7.18

10	81.33	93.44	89.99	88.25	6.24
11	78.45	91.33	86.44	85.41	6.50
12	76.54	87.44	89.66	84.55	7.02
13	81.44	69.44	75.44	75.44	6.00
14	67.56	83.18	69.66	73.47	8.48
15	77.44	87.66	76.55	80.55	6.17
16	84.66	81.23	80.33	82.07	2.28
17	63.44	68.33	73.44	68.40	5.00
18	80.55	76.33	73.55	76.81	3.52
19	61.55	67.55	70.55	66.55	4.58
20	59.33	67.55	73.22	66.70	6.98
21	73.33	60.35	68.66	67.45	6.57
22	57.33	64.88	70.11	64.11	6.43
23	63.44	59.33	71.18	64.65	6.02
24	56.33	68.44	58.44	61.07	6.47
25	70.16	58.48	59.77	62.80	6.40
26	61.29	71.28	79.66	70.74	9.20
27	53.22	61.27	59.68	58.06	4.26
28	68.66	50.21	63.18	60.68	9.48
29	57.69	71.89	55.87	61.82	8.77
30	70.47	52.23	59.18	60.63	9.21
31	42.45	49.56	56.44	49.48	7.00
32	49.18	61.22	53.44	54.61	6.11
33	59.33	40.53	51.46	50.44	9.44
34	81.33	57.33	60.22	66.29	13.10
35	53.22	64.33	48.33	55.29	8.20
36	46.33	49.23	57.23	50.93	5.65
37	49.23	51.22	44.42	48.29	3.50
38	45.44	60.23	59.23	54.97	8.27
39	60.33	51.22	52.14	54.56	5.02
40	53.28	71.23	50.53	58.35	11.24
41	39.45	52.27	47.53	46.42	6.48
42	42.45	37.65	40.27	40.12	2.40
43	37.23	39.47	54.12	43.61	9.17
44	61.27	50.17	45.13	52.19	8.26
45	59.37	36.15	39.12	44.88	12.64
46	23.44	31.18	19.44	24.69	5.97
47	45.18	30.18	27.48	34.28	9.54
48	25.44	31.18	17.45	24.69	6.90
49	16.18	27.33	29.12	24.21	7.01
50	17.14	36.46	21.45	25.02	10.14
51	26.48	13.12	17.44	19.01	6.82
52	36.46	17.33	15.44	23.08	11.63

53	30.98	24.33	29.16	28.16	3.44
54	23.12	19.18	14.15	18.82	4.50
55	37.15	19.45	18.16	24.92	10.61
56	25.25	31.12	18.33	24.90	6.40
57	29.33	20.18	31.33	26.95	5.94
58	17.12	24.89	36.11	26.04	9.55
59	34.45	16.12	25.96	25.51	9.17
60	14.15	26.15	29.69	23.33	8.14
61	17.16	25.23	29.18	23.86	6.13
62	18.25	31.32	25.18	24.92	6.54
63	19.18	16.32	24.78	20.09	4.30
64	30.44	18.13	19.58	22.72	6.73
65	31.37	25.24	29.28	28.63	3.12
66	30.89	27.21	18.14	25.41	6.56
67	17.13	25.44	29.45	24.01	6.28
68	15.13	19.15	22.57	18.95	3.72
69	25.13	37.17	17.18	26.49	10.06
70	38.17	21.96	20.21	26.78	9.90
71	31.24	36.22	22.25	29.90	7.08
72	17.99	18.96	24.23	20.39	3.36
73	18.74	35.12	21.25	25.04	8.82
74	12.14	10.12	9.70	10.65	1.30
75	13.14	17.12	10.09	13.45	3.53
76	14.79	20.19	11.45	15.48	4.41
77	19.12	18.12	11.22	16.15	4.30
78	27.21	14.12	12.23	17.85	8.16
79	18.12	21.19	15.01	18.11	3.09
80	12.13	14.18	14.96	13.76	1.46
81	21.13	12.89	12.03	15.35	5.02
82	8.77	13.04	9.85	10.55	2.22
83	9.14	10.15	16.12	11.80	3.77
84	10.45	18.12	16.32	14.96	4.01
85	14.52	17.22	11.19	14.31	3.02
86	15.15	11.23	16.12	14.17	2.59
87	15.79	15.89	10.11	13.93	3.31
88	9.33	8.77	13.99	10.70	2.87
89	14.12	10.45	11.71	12.09	1.86
90	13.42	9.77	12.55	11.91	1.91
91	13.89	10.69	11.23	11.94	1.71
92	22.12	10.13	12.22	14.82	6.40
93	10.22	21.22	20.14	17.19	6.06
94	20.87	12.13	9.74	14.25	5.86
95	16.15	10.25	11.13	12.51	3.18

96	25.14	14.89	12.33	17.45	6.78
97	26.12	12.23	11.67	16.67	8.19
98	11.74	22.46	18.25	17.48	5.40
99	9.74	10.18	12.44	10.79	1.45
100	14.88	11.25	12.99	13.04	1.82

Table S3: Tolerance percentage of $\pm 10\%$ of the cut-off value (21.73 A.U.) for p-ELISA

ELISA	pELISA10%
2.65	89.54
2.63	90.83
2.75	89.86
2.61	86.11
2.62	84.93
2.56	88.34
2.58	85.18
2.58	88.81
2.47	88.22
2.47	88.25
2.59	85.41
2.52	84.55
2.57	75.44
2.42	73.47
2.47	80.55
2.54	82.07
2.29	68.40
2.32	76.81
2.17	66.55
2.24	66.70
2.43	67.45
2.01	64.11
2.04	64.65
1.96	61.07
2.04	62.80
1.94	70.74
2.02	58.06
2.02	60.68
2.04	61.82
2.00	60.63
2.01	49.48
2.00	54.61
1.97	50.44

	2.00	66.29
	1.97	55.29
	2.02	50.93
	1.94	48.29
	2.02	54.97
	2.03	54.56
	1.69	58.35
	1.74	46.42
	1.52	40.12
	1.50	43.61
	1.50	52.19
	1.45	44.88
	1.41	24.69
	1.51	34.28
	1.41	24.69
	1.47	24.21
	1.48	25.02
FN	1.42	19.01
G	1.32	23.08
	1.31	28.16
FN	1.22	18.82
	1.24	24.92
	1.28	24.90
	1.24	26.95
	1.30	26.04
	1.29	25.51
G	1.27	23.33
G	1.31	23.86
	1.23	24.92
G	0.95	20.09
G	1.06	22.72
	1.03	28.63
	1.00	25.41
	0.95	24.01
	0.58	18.95
FP	0.49	26.49
FP	0.20	26.78
FP	0.16	29.90
G	0.19	20.39
FP	0.25	25.04
	0.29	10.65
	0.17	13.45
	0.23	15.48

0.20	16.15
0.17	17.85
0.20	18.11
0.17	13.76
0.19	15.35
0.26	10.55
0.20	11.80
0.16	14.96
0.15	14.31
0.16	14.17
0.20	13.93
0.21	10.70
0.18	12.09
0.22	11.91
0.24	11.94
0.18	14.82
0.19	17.19
0.13	14.25
0.17	12.51
0.29	17.45
0.24	16.67
0.15	17.48
0.25	10.79
0.15	13.04

In green: positive classification; In red: negative classification

G: Gray zone; FN: False Negative; FP: False Positive.

Table S4: Tolerance percentage of $\pm 12\%$ of the cut-off value (21.73 A.U.) for p-ELISA

ELISA	pELISA12%
2.65	89.54
2.63	90.83
2.75	89.86
2.61	86.11
2.62	84.93
2.56	88.34
2.58	85.18
2.58	88.81
2.47	88.22
2.47	88.25
2.59	85.41

	2.52	84.55
	2.57	75.44
	2.42	73.47
	2.47	80.55
	2.54	82.07
	2.29	68.40
	2.32	76.81
	2.17	66.55
	2.24	66.70
	2.43	67.45
	2.01	64.11
	2.04	64.65
	1.96	61.07
	2.04	62.80
	1.94	70.74
	2.02	58.06
	2.02	60.68
	2.04	61.82
	2.00	60.63
	2.01	49.48
	2.00	54.61
	1.97	50.44
	2.00	66.29
	1.97	55.29
	2.02	50.93
	1.94	48.29
	2.02	54.97
	2.03	54.56
	1.69	58.35
	1.74	46.42
	1.52	40.12
	1.50	43.61
	1.50	52.19
	1.45	44.88
	1.41	24.69
	1.51	34.28
	1.41	24.69
G	1.47	24.21
	1.48	25.02
FN	1.42	19.01
G	1.32	23.08
	1.31	28.16
FN	1.22	18.82

	1.24	24.92
	1.28	24.90
	1.24	26.95
	1.30	26.04
	1.29	25.51
G	1.27	23.33
G	1.31	23.86
	1.23	24.92
G	0.95	20.09
G	1.06	22.72
	1.03	28.63
	1.00	25.41
G	0.95	24.01
	0.58	18.95
FP	0.49	26.49
FP	0.20	26.78
FP	0.16	29.90
G	0.19	20.39
FP	0.25	25.04
	0.29	10.65
	0.17	13.45
	0.23	15.48
	0.20	16.15
	0.17	17.85
	0.20	18.11
	0.17	13.76
	0.19	15.35
	0.26	10.55
	0.20	11.80
	0.16	14.96
	0.15	14.31
	0.16	14.17
	0.20	13.93
	0.21	10.70
	0.18	12.09
	0.22	11.91
	0.24	11.94
	0.18	14.82
	0.19	17.19
	0.13	14.25
	0.17	12.51
	0.29	17.45
	0.24	16.67

0.15	17.48
0.25	10.79
0.15	13.04

In green: positive classification; In red: negative classification

G: Gray zone; FN: False Negative; FP: False Positive.

Table S5: Tolerance percentage of $\pm 15\%$ of the cut-off value (21.73 A.U.) for p-ELISA

ELISA	pELISA15%
2.65	89.54
2.63	90.83
2.75	89.86
2.61	86.11
2.62	84.93
2.56	88.34
2.58	85.18
2.58	88.81
2.47	88.22
2.47	88.25
2.59	85.41
2.52	84.55
2.57	75.44
2.42	73.47
2.47	80.55
2.54	82.07
2.29	68.40
2.32	76.81
2.17	66.55
2.24	66.70
2.43	67.45
2.01	64.11
2.04	64.65
1.96	61.07
2.04	62.80
1.94	70.74
2.02	58.06
2.02	60.68
2.04	61.82
2.00	60.63

	2.01	49.48
	2.00	54.61
	1.97	50.44
	2.00	66.29
	1.97	55.29
	2.02	50.93
	1.94	48.29
	2.02	54.97
	2.03	54.56
	1.69	58.35
	1.74	46.42
	1.52	40.12
	1.50	43.61
	1.50	52.19
	1.45	44.88
G	1.41	24.69
	1.51	34.28
G	1.41	24.69
G	1.47	24.21
	1.48	25.02
G	1.42	19.01
G	1.32	23.08
	1.31	28.16
G	1.22	18.82
G	1.24	24.92
G	1.28	24.90
	1.24	26.95
	1.30	26.04
	1.29	25.51
G	1.27	23.33
G	1.31	23.86
G	1.23	24.92
G	0.95	20.09
G	1.06	22.72
	1.03	28.63
	1.00	25.41
G	0.95	24.01
G	0.58	18.95
FP	0.49	26.49
FP	0.20	26.78
FP	0.16	29.90
G	0.19	20.39
FP	0.25	25.04

0.29	10.65
0.17	13.45
0.23	15.48
0.20	16.15
0.17	17.85
0.20	18.11
0.17	13.76
0.19	15.35
0.26	10.55
0.20	11.80
0.16	14.96
0.15	14.31
0.16	14.17
0.20	13.93
0.21	10.70
0.18	12.09
0.22	11.91
0.24	11.94
0.18	14.82
0.19	17.19
0.13	14.25
0.17	12.51
0.29	17.45
0.24	16.67
0.15	17.48
0.25	10.79
0.15	13.04

In green: positive classification; In red: negative classification

G: Gray zone; FN: False Negative; FP: False Positive.

Table S6: Tolerance percentage of $\pm 20\%$ of the cut-off value (21.73 A.U.) for p-ELISA

ELISA	pELISA20%
2.65	89.54
2.63	90.83
2.75	89.86
2.61	86.11

2.62	84.93
2.56	88.34
2.58	85.18
2.58	88.81
2.47	88.22
2.47	88.25
2.59	85.41
2.52	84.55
2.57	75.44
2.42	73.47
2.47	80.55
2.54	82.07
2.29	68.40
2.32	76.81
2.17	66.55
2.24	66.70
2.43	67.45
2.01	64.11
2.04	64.65
1.96	61.07
2.04	62.80
1.94	70.74
2.02	58.06
2.02	60.68
2.04	61.82
2.00	60.63
2.01	49.48
2.00	54.61
1.97	50.44
2.00	66.29
1.97	55.29
2.02	50.93
1.94	48.29
2.02	54.97
2.03	54.56
1.69	58.35
1.74	46.42
1.52	40.12
1.50	43.61
1.50	52.19
1.45	44.88
1.41	24.69
1.51	34.28

G

G	1.41	24.69
G	1.47	24.21
G	1.48	25.02
G	1.42	19.01
G	1.32	23.08
	1.31	28.16
G	1.22	18.82
G	1.24	24.92
G	1.28	24.90
	1.24	26.95
G	1.30	26.04
G	1.29	25.51
G	1.27	23.33
G	1.31	23.86
G	1.23	24.92
G	0.95	20.09
G	1.06	22.72
	1.03	28.63
G	1.00	25.41
G	0.95	24.01
G	0.58	18.95
FP	0.49	26.49
FP	0.20	26.78
FP	0.16	29.90
G	0.19	20.39
G	0.25	25.04
	0.29	10.65
	0.17	13.45
	0.23	15.48
	0.20	16.15
G	0.17	17.85
G	0.20	18.11
	0.17	13.76
	0.19	15.35
	0.26	10.55
	0.20	11.80
	0.16	14.96
	0.15	14.31
	0.16	14.17
	0.20	13.93
	0.21	10.70
	0.18	12.09
	0.22	11.91

0.24	11.94
0.18	14.82
0.19	17.19
0.13	14.25
0.17	12.51
0.29	17.45
0.24	16.67
0.15	17.48
0.25	10.79
0.15	13.04

In green: positive classification; In red: negative classification

G: Gray zone; FN: False Negative; FP: False Positive.

Table S7: Tolerance percentage of $\pm 15\%$ of the cut-off value (24.74 A.U.) for p-ELISA

ELISA	pELISA15%
2.65	89.54
2.63	90.83
2.75	89.86
2.61	86.11
2.62	84.93
2.56	88.34
2.58	85.18
2.58	88.81
2.47	88.22
2.47	88.25
2.59	85.41
2.52	84.55
2.57	75.44
2.42	73.47
2.47	80.55
2.54	82.07
2.29	68.40
2.32	76.81
2.17	66.55
2.24	66.70
2.43	67.45
2.01	64.11
2.04	64.65

	1.96	61.07
	2.04	62.80
	1.94	70.74
	2.02	58.06
	2.02	60.68
	2.04	61.82
	2.00	60.63
	2.01	49.48
	2.00	54.61
	1.97	50.44
	2.00	66.29
	1.97	55.29
	2.02	50.93
	1.94	48.29
	2.02	54.97
	2.03	54.56
	1.69	58.35
	1.74	46.42
	1.52	40.12
	1.50	43.61
	1.50	52.19
	1.45	44.88
G	1.41	24.69
	1.51	34.28
G	1.41	24.69
G	1.47	24.21
G	1.48	25.02
FN	1.42	19.01
G	1.32	23.08
G	1.31	28.16
FN	1.22	18.82
G	1.24	24.92
G	1.28	24.90
G	1.24	26.95
G	1.30	26.04
G	1.29	25.51
G	1.27	23.33
G	1.31	23.86
G	1.23	24.92
	0.95	20.09
G	1.06	22.72
	1.03	28.63
G	1.00	25.41

G	0.95	24.01
	0.58	18.95
G	0.49	26.49
G	0.20	26.78
FP	0.16	29.90
	0.19	20.39
G	0.25	25.04
	0.29	10.65
	0.17	13.45
	0.23	15.48
	0.20	16.15
	0.17	17.85
	0.20	18.11
	0.17	13.76
	0.19	15.35
	0.26	10.55
	0.20	11.80
	0.16	14.96
	0.15	14.31
	0.16	14.17
	0.20	13.93
	0.21	10.70
	0.18	12.09
	0.22	11.91
	0.24	11.94
	0.18	14.82
	0.19	17.19
	0.13	14.25
	0.17	12.51
	0.29	17.45
	0.24	16.67
	0.15	17.48
	0.25	10.79
	0.15	13.04

In green: positive classification; In red: negative classification

G: Gray zone; FN: False Negative; FP: False Positive.

