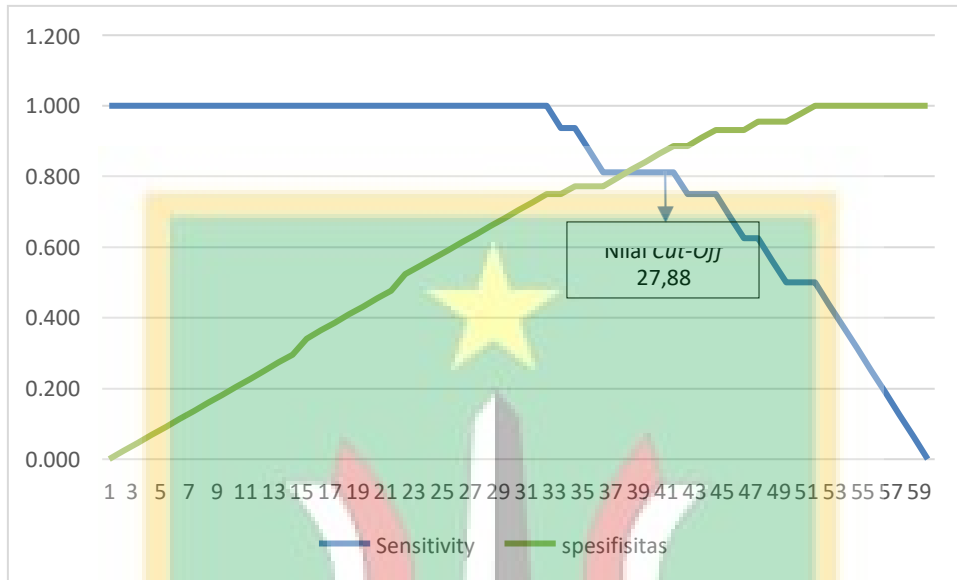


DAFTAR PUSTAKA

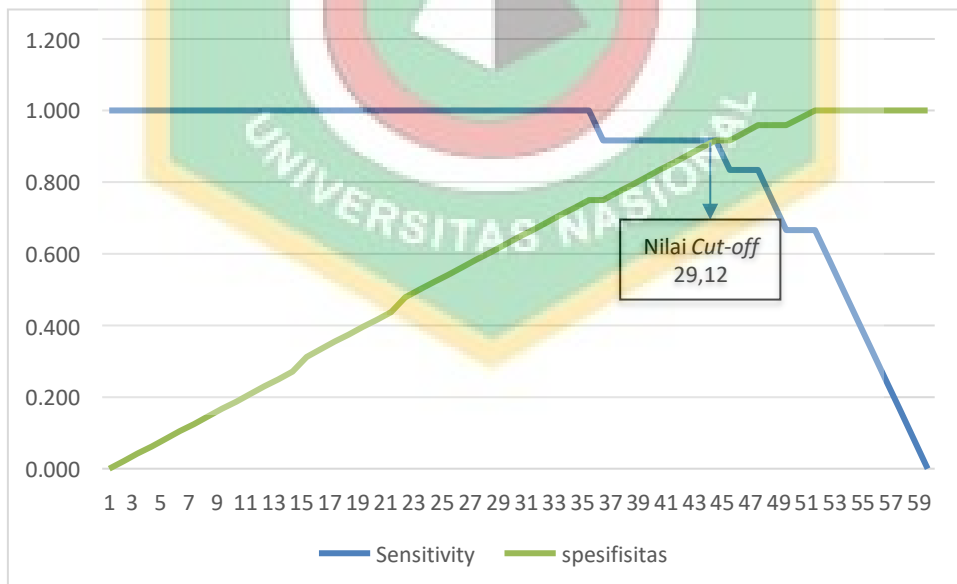
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LAMPIRAN I LAMPIRAN GAMBAR



Gambar Lampiran 1. Kurva Analisis Penentuan Nilai *Cut-Off Rapid Diagnostic Test Antigen (RDT-Ag) Merk X*



Gambar Lampiran 2. Kurva Analisis Penentuan Nilai *Cut-Off Rapid Diagnostic Test Antigen (RDT-Ag) Merk Y*

LAMPIRAN II LAMPIRAN TABEL

Tabel Lampiran 1. Data Penelitian

No	No Sampel	Tanggal Pengambilan Sampel	Nilai CT	RDT X	RDT Y
1	92905	18 Juli 2022	12.61	Positif	Positif
2	92909	18 Juli 2022	16.09	Positif	Positif
3	92940	19 Juli 2022	16.08	Positif	Positif
4	92950	19 Juli 2022	19.24	Positif	Positif
5	92958	19 Juli 2022	20.17	Positif	Positif
6	92961	19 Juli 2022	16.02	Positif	Positif
7	92990	19 Juli 2022	18.36	Positif	Positif
8	92999	19 Juli 2022	17.13	Positif	Positif
9	93021	19 Juli 2022	21.75	Positif	Positif
10	93023	19 Juli 2022	18.62	Positif	Positif
11	93036	19 Juli 2022	15.23	Positif	Positif
12	93059	19 Juli 2022	20.30	Positif	Positif
13	93159	19 Juli 2022	16.31	Positif	Positif
14	93166	20 Juli 2022	20.39	Positif	Positif
15	93168	20 Juli 2022	17.77	Positif	Positif
16	93169	20 Juli 2022	20.33	Positif	Positif
17	93201	20 Juli 2022	22.81	Positif	Positif
18	93205	20 Juli 2022	23.08	Positif	Positif
19	93317	20 Juli 2022	17.34	Positif	Positif
20	93400	20 Juli 2022	19.36	Positif	Positif
21	93411	20 Juli 2022	19.21	Positif	Positif
22	93435	20 Juli 2022	19.47	Positif	Positif
23	93436	20 Juli 2022	17.31	Positif	Positif
24	93439	20 Juli 2022	19.35	Positif	Positif
25	93451	20 Juli 2022	19.53	Positif	Positif
26	93455	20 Juli 2022	23.16	Positif	Positif
27	93553	20 Juli 2022	18.67	Positif	Positif
28	93562	21 Juli 2022	17.51	Positif	Positif
29	93565	21 Juli 2022	16.13	Positif	Positif
30	93566	21 Juli 2022	20.01	Positif	Positif
31	93040	19 Juli 2022	32.27	Negatif	Negatif
32	93092	19 Juli 2022	30.32	Negatif	Negatif
33	93103	19 Juli 2022	26.35	Positif	Positif
34	93171	20 Juli 2022	29.53	Negatif	Negatif

No	No Sampel	Tanggal Pengambilan Sampel	Nilai CT	RDT X	RDT Y
35	93180	20 Juli 2022	32.62	Negatif	Negatif
36	93270	20 Juli 2022	26.14	Positif	Positif
37	93271	20 Juli 2022	27.59	Negatif	Positif
38	93275	20 Juli 2022	29.49	Negatif	Negatif
39	93302	20 Juli 2022	28.26	Positif	Positif
40	93362	20 Juli 2022	26.71	Positif	Positif
41	93399	20 Juli 2022	25.79	Positif	Positif
42	93407	20 Juli 2022	27.58	Positif	Positif
43	93430	20 Juli 2022	28.26	Positif	Positif
44	93432	20 Juli 2022	29.03	Negatif	Negatif
45	93438	20 Juli 2022	27.79	Positif	Positif
46	93514	20 Juli 2022	31.05	Negatif	Negatif
47	93582	21 Juli 2022	27.24	Negatif	Positif
48	93616	21 Juli 2022	28.02	Negatif	Positif
49	93618	21 Juli 2022	30.02	Negatif	Negatif
50	93944	21 Juli 2022	28.04	Negatif	Negatif
51	93945	21 Juli 2022	28.15	Negatif	Positif
52	93661	21 Juli 2022	32.77	Negatif	Negatif
53	93673	21 Juli 2022	29.17	Negatif	Negatif
54	93692	21 Juli 2022	28.99	Negatif	Negatif
55	93756	22 Juli 2022	28.05	Positif	Positif
56	93769	22 Juli 2022	27.10	Positif	Positif
57	93770	22 Juli 2022	29.12	Positif	Positif
58	93772	22 Juli 2022	26.52	Positif	Positif
59	93932	22 Juli 2022	25.47	Positif	Positif
60	93937	22 Juli 2022	25.07	Positif	Positif
61	95841	19 Juli 2022		Negatif	Negatif
62	95842	19 Juli 2022		Negatif	Negatif
63	95843	19 Juli 2022		Negatif	Negatif
64	95844	19 Juli 2022		Negatif	Negatif
65	95845	19 Juli 2022		Negatif	Negatif
66	95846	19 Juli 2022		Negatif	Negatif
67	95847	19 Juli 2022		Negatif	Negatif
68	95848	19 Juli 2022		Negatif	Negatif
69	95849	19 Juli 2022		Negatif	Negatif
70	95850	19 Juli 2022		Negatif	Negatif
71	95851	19 Juli 2022		Negatif	Negatif
72	95852	19 Juli 2022		Negatif	Negatif
73	95853	19 Juli 2022		Negatif	Negatif

No	No Sampel	Tanggal Pengambilan Sampel	Nilai CT	RDT X	RDT Y
74	95854	19 Juli 2022		Negatif	Negatif
75	95855	19 Juli 2022		Negatif	Negatif
76	95856	19 Juli 2022		Negatif	Negatif
77	95857	19 Juli 2022		Negatif	Negatif
78	95858	19 Juli 2022		Negatif	Negatif
79	95859	19 Juli 2022		Negatif	Negatif
80	95860	19 Juli 2022		Negatif	Negatif
81	95861	19 Juli 2022		Negatif	Negatif
82	95862	19 Juli 2022		Negatif	Negatif
83	95863	19 Juli 2022		Negatif	Negatif
84	95864	19 Juli 2022		Negatif	Negatif
85	95865	19 Juli 2022		Negatif	Negatif
86	95866	19 Juli 2022		Negatif	Negatif
87	95867	19 Juli 2022		Negatif	Negatif
88	95868	19 Juli 2022		Negatif	Negatif
89	95869	19 Juli 2022		Negatif	Negatif
90	95870	19 Juli 2022		Negatif	Negatif

Tabel Lampiran 2. Uji Perbandingan Hasil *Rapid Diagnostic Test Antigen* (RDT-Ag) dengan Realtime PCR COVID-19 menggunakan McNemar

McNemar test on paired proportions

	Positive	Negative
Positive	<input type="text" value="44"/>	<input type="text" value="16"/>
Negative	<input type="text" value="0"/>	<input type="text" value="30"/>
<input type="button" value="Test"/>		

McNemar test on paired proportions

	Positive	Negative
Positive	<input type="text" value="48"/>	<input type="text" value="12"/>
Negative	<input type="text" value="0"/>	<input type="text" value="30"/>
<input type="button" value="Test"/>		

Results

Difference	-17.78%
95% Confidence Interval	-25.68% to -9.88%
Exact probability	P < 0.0001

Results

Difference	-13.33%
95% Confidence Interval	-20.36% to -6.31%
Exact probability	P < 0.0001

Tabel Lampiran 3. Uji Sensitivitas dan Spesifisitas *Rapid Diagnostic Test Antigen (RDT-Ag)* Merk X Menggunakan *Diagnostic Test Evaluation Calculator* pada *Medcalc Online*.

Disease prevalence

If the sample sizes in the positive (Disease present) and the negative (Disease absent) groups do not reflect the real prevalence of the disease, you can enter the disease prevalence (expressed as a percentage) in the corresponding input box.

Next click the **Test** button.

Test	Disease		Total
	Present	Absent	
Positive	True Positive a=44	False Positive c=0	a + c = 44
Negative	False Negative b=16	True Negative d=30	b + d = 46
Total	a + b = 60	c + d = 30	

Disease prevalence

If the ratio of cases in the Disease Present and Disease Absent groups does not reflect the disease prevalence, enter:

disease prevalence (%):

Results

Statistic	Value	95% CI
Sensitivity	73.33%	60.34% to 83.93%
Specificity	100.00%	88.43% to 100.00%
Positive Likelihood Ratio		
Negative Likelihood Ratio	0.27	0.18 to 0.41
Disease prevalence (*)	66.67%	55.95% to 76.26%
Positive Predictive Value (*)	100.00%	
Negative Predictive Value (*)	65.22%	55.21% to 74.04%
Accuracy (*)	82.22%	72.74% to 89.48%

(*) These values are dependent on disease prevalence.

Tabel Lampiran 4. Uji Sensitivitas dan Spesifisitas *Rapid Diagnostic Test Antigen (RDT-Ag)* Merk Y Menggunakan *Diagnostic Test Evaluation Calculator* pada *Medcalc Online*.

Diagnostic test evaluation calculator

Instructions: enter the number of cases in the diseased group that test positive (*a*) and negative (*b*); and the number of cases in the non-diseased group that test positive (*c*) and negative (*d*).

Disease prevalence

If the sample sizes in the positive (Disease present) and the negative (Disease absent) groups do not reflect the real prevalence of the disease, you can enter the disease prevalence (expressed as a percentage) in the corresponding input box.

Next click the **Test** button.

		Disease			
Test		Present	Absent	n	Total
		Positive	True Positive	a=48	False Positive
Negative	False Negative	b=12	True Negative	d=30	b + d = 42
Total		a + b = 60		c + d = 30	

Disease prevalence

If the ratio of cases in the Disease Present and Disease Absent groups does not reflect the disease prevalence, enter:

disease prevalence (%):

Results

Statistic	Value	95% CI
Sensitivity	80.00%	67.67% to 89.22%
Specificity	100.00%	88.43% to 100.00%
Positive Likelihood Ratio		
Negative Likelihood Ratio	0.20	0.12 to 0.33
Disease prevalence (*)	66.67%	55.95% to 76.26%
Positive Predictive Value (*)	100.00%	
Negative Predictive Value (*)	71.43%	60.11% to 80.57%
Accuracy (*)	86.67%	77.87% to 92.92%

(*) These values are dependent on disease prevalence.

Tabel Lampiran 5. Hasil Uji Statistik dalam Penentuan Nilai Cut-Off dari *Rapid Diagnostic Test Antigen* (RDT-Ag) COVID-19 Merk X berdasarkan Nilai CT pada Pemeriksaan *Realtime PCR* COVID-19

No	Positive if Greater Than or Equal To ^a	Sensitivity	Specificity
1	14.1400	1.000	0.000
2	16.6850	1.000	0.023
3	18.4250	1.000	0.045
4	18.7150	1.000	0.068
5	19.0100	1.000	0.091
6	19.3500	1.000	0.114
7	19.7800	1.000	0.136
8	20.2600	1.000	0.159
9	20.5600	1.000	0.182
10	20.7050	1.000	0.205
11	20.8100	1.000	0.227
12	20.8950	1.000	0.250
13	20.9250	1.000	0.273
14	20.9900	1.000	0.295
15	21.1100	1.000	0.341
16	21.3800	1.000	0.364
17	21.7600	1.000	0.386
18	22.0950	1.000	0.409
19	22.4200	1.000	0.432
20	22.6150	1.000	0.455
21	22.6950	1.000	0.477
22	22.8000	1.000	0.523
23	22.9300	1.000	0.545
24	23.0300	1.000	0.568
25	23.2250	1.000	0.591
26	23.4100	1.000	0.614
27	23.4600	1.000	0.636
28	23.5700	1.000	0.659
29	24.2400	1.000	0.682
30	25.1550	1.000	0.705
31	25.8050	1.000	0.727
32	26.2150	1.000	0.750
33	26.4050	.938	0.750
34	26.5600	.938	0.773
35	26.6200	.875	0.773
36	26.6750	.813	0.773

No	Positive if Greater Than or Equal To ^a	Sensitivity	Specificity
37	27.2500	.813	0.795
38	27.8850	.813	0.818
39	28.0700	.813	0.841
40	28.2100	.813	0.864
41	28.5500	.813	0.886
42	28.8950	.750	0.886
43	29.0350	.750	0.909
44	29.1250	.750	0.932
45	29.2750	.688	0.932
46	29.4550	.625	0.932
47	29.5700	.625	0.955
48	29.6550	.563	0.955
49	29.9150	.500	0.955
50	30.2450	.500	0.977
51	30.4900	.500	1.000
52	31.0650	.438	1.000
53	31.7050	.375	1.000
54	32.4250	.313	1.000
55	33.0800	.250	1.000
56	33.3150	.188	1.000
57	33.4100	.125	1.000
58	33.4500	.063	1.000
59	34.4600	0.000	1.000

a. The smallest cutoff value is the minimum observed test value minus 1, and the largest cutoff value is the maximum observed test value plus 1. All the other cutoff values are the averages of two consecutive ordered observed test values.

Tabel Lampiran 6. Hasil Uji Statistik dalam Penentuan Nilai *Cut-Off* dari *Rapid Diagnostic Test Antigen* (RDT-Ag) COVID-19 Merk Y berdasarkan Nilai CT pada Pemeriksaan *Realtime PCR* COVID-19

No	Positive if Greater Than or Equal To ^a	Sensitivity	Specificity
1	14.1400	1.000	0.000
2	16.6850	1.000	0.021
3	18.4250	1.000	0.042
4	18.7150	1.000	0.063
5	19.0100	1.000	0.083
6	19.3500	1.000	0.104
7	19.7800	1.000	0.125
8	20.2600	1.000	0.146
9	20.5600	1.000	0.167
10	20.7050	1.000	0.188
11	20.8100	1.000	0.208
12	20.8950	1.000	0.229
13	20.9250	1.000	0.250
14	20.9900	1.000	0.271
15	21.1100	1.000	0.313
16	21.3800	1.000	0.333
17	21.7600	1.000	0.354
18	22.0950	1.000	0.375
19	22.4200	1.000	0.396
20	22.6150	1.000	0.417
21	22.6950	1.000	0.438
22	22.8000	1.000	0.479
23	22.9300	1.000	0.500
24	23.0300	1.000	0.521
25	23.2250	1.000	0.542
26	23.4100	1.000	0.563
27	23.4600	1.000	0.583
28	23.5700	1.000	0.604
29	24.2400	1.000	0.625
30	25.1550	1.000	0.646
31	25.8050	1.000	0.667
32	26.2150	1.000	0.688
33	26.4050	1.000	0.708
34	26.5600	1.000	0.729

No	Positive if Greater Than or Equal To ^a	Sensitivity	Specificity
35	26.6200	1.000	0.750
36	26.6750	.917	0.750
37	27.2500	.917	0.771
38	27.8850	.917	0.792
39	28.0700	.917	0.813
40	28.2100	.917	0.833
41	28.5500	.917	0.854
42	28.8950	.917	0.875
43	29.0350	.917	0.896
44	29.1250	.917	0.917
45	29.2750	.833	0.917
46	29.4550	.833	0.938
47	29.5700	.833	0.958
48	29.6550	.750	0.958
49	29.9150	.667	0.958
50	30.2450	.667	0.979
51	30.4900	.667	1.000
52	31.0650	.583	1.000
53	31.7050	.500	1.000
54	32.4250	.417	1.000
55	33.0800	.333	1.000
56	33.3150	.250	1.000
57	33.4100	.167	1.000
58	33.4500	.083	1.000
59	34.4600	0.000	1.000

a. The smallest cutoff value is the minimum observed test value minus 1, and the largest cutoff value is the maximum observed test value plus 1. All the other cutoff values are the averages of two consecutive ordered observed test values.

UJI SENSITIVITAS RAPID DIAGNOSTIC TEST ANTIGEN (RDT-Ag) COVID-19 MERK X DAN Y TERHADAP NILAI CT PADA PEMERIKSAAN REALTIME PCR COVID-19 DI BALAI BESAR LABORATORIUM (BBLK) JAKARTA.

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