

LAMPIRAN

Lampiran 1. Surat Keterangan Lolos Etik



UNIVERSITAS ISLAM INDONESIA
FAKULTAS KEDOKTERAN
KOMITE ETIK PENELITIAN KEDOKTERAN DAN KESEHATAN
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Nomor : 14/Ka.Kom.Et/70/KE/V/2016

KETERANGAN LOLOS KAJI ETIK

ETHICAL APPROVAL

Komite Etik Penelitian Kedokteran dan Kesehatan Fakultas Kedokteran Universitas Islam Indonesia dalam upaya melindungi hak asasi dan kesejahteraan subyek penelitian kedokteran dan kesehatan, telah mengkaji dengan teliti protokol berjudul :

The Ethics Committee of the Faculty of Medicine, Islamic University of Indonesia, with regards of the protection of human rights and welfare in medical and health research, has carefully reviewed the research protocol entitled :

"Identifikasi Toksoplasmosis dengan Pemeriksaan Serologi Menggunakan ELISA Kit IgG Anti-Toxoplasma gondii."

Peneliti Utama : dr. Irena Agustiningtyas, M.Sc
Principal Investigator

Nama Instiitusi : Program Studi Pendidikan Dokter FK UII
Name of the Institution

dan telah menyetujui protokol tersebut diatas.
and approved the above-mentioned protocol.



Yogyakarta, 13 Mei 2016

Ketua
Chairman

Prof. Dr. Drs. Wiryatun Lestariyana, Apt

**Ethical Approval* berlaku satu tahun dari tanggal persetujuan

**Peneliti berkewajiban

1. Menjaga kerahasiaan identitas subyek penelitian
2. Memberitahukan status penelitian apabila
 - a. Setelah masa berlakunya keterangan lolos kaji etik, penelitian masih belum selesai, dalam hal ini *ethical clearance* harus diperpanjang
 - b. Penelitian berhenti di tengah jalan
3. Melaporkan kejadian serius yang tidak diinginkan (*serious adverse events*)
4. Peneliti tidak boleh melakukan tindakan apapun pada subyek sebelum penelitian lolos kaji etik dan *informed consent*

Lampiran 2. Hasil uji serologis Ig-G anti-*T.gondii* dengan metode ELISA

IgG Brebes Kendal Part One

Report

Z.

Date: 10/25/2016 Time: 16:40:56

Well	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
Sample	001	002	003	004	005	006	007	008	009	010	011	012
Abs	0.122	2.773	2.435	0.727	1.020	0.359	2.528	2.358	2.189	1.946	1.808	2.580
QTA	0.122	2.773	2.435	0.727	1.020	0.359	2.528	2.358	2.189	1.946	1.808	2.580
QLA	Neg	Pos+	Pos+	Neg	Pos+	Neg	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+
Well	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
Sample	013	014	015	016	017	018	019	020	021	022	023	024
Abs	0.095	1.011	2.322	2.572	1.020	1.992	2.549	2.322	2.146	0.667	1.902	2.36
QTA	0.095	1.011	2.322	2.572	1.020	1.992	2.549	2.322	2.146	0.667	1.902	2.36
QLA	Neg	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Neg	Pos+	Pos+
Well	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12
Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
Sample	025	026	027	028	029	030	031	032	033	034	035	036
Abs	1.870	2.393	1.339	2.461	2.127	0.318	0.586	2.318	2.676	0.296	0.376	0.352
QTA	1.870	2.393	1.339	2.461	2.127	0.318	0.586	2.318	2.676	0.296	0.376	0.352
QLA	Pos+	Pos+	Pos+	Pos+	Pos+	Neg	Neg	Pos+	Pos+	Neg	Neg	Neg
Well	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12
Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
Sample	037	038	039	040	041	042	043	044	045	046	047	048
Abs	0.114	2.149	2.745	2.453	0.703	0.000*	2.081	0.663	2.055	2.247	2.448	2.168
QTA	0.114	2.149	2.745	2.453	0.703	0.000	2.081	0.663	2.055	2.247	2.448	2.168
QLA	Neg	Pos+	Pos+	Pos+	Neg	Neg	Pos+	Neg	Pos+	Pos+	Pos+	Pos+
Well	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12
Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
Sample	049	050	051	052	053	054	055	056	057	058	059	060
Abs	1.153	0.684	2.599	0.339	2.241	2.451	0.997	1.802	2.085	0.398	0.469	0.374
QTA	1.153	0.684	2.599	0.339	2.241	2.451	0.997	1.802	2.085	0.398	0.469	0.374
QLA	Pos+	Neg	Pos+	Neg	Pos+	Pos+	Neg	Pos+	Pos+	Neg	Neg	Neg
Well	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
Sample	061	062	063	064	065	066	067	068	069	070	071	072
Abs	1.550	1.127	2.502	2.562	0.327	1.618	1.589	2.206	2.185	0.558	1.800	0.395
QTA	1.550	1.127	2.502	2.562	0.327	1.618	1.589	2.206	2.185	0.558	1.800	0.395
QLA	Pos+	Pos+	Pos+	Pos+	Neg	Pos+	Pos+	Pos+	Pos+	Neg	Pos+	Neg
Well	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12
Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
Sample	073	074	075	076	077	078	079	080	081	082	083	084
Abs	1.947	0.340	0.305	2.429	2.170	1.827	0.613	0.358	0.440	2.415	1.984	0.615
QTA	1.947	0.340	0.305	2.429	2.170	1.827	0.613	0.358	0.440	2.415	1.984	0.615
QLA	Pos+	Neg	Neg	Pos+	Pos+	Pos+	Neg	Neg	Neg	Pos+	Pos+	Neg
Well	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12
Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
Sample	085	086	087	088	089	090	091	092	093	094	095	096
Abs	2.804	1.118	2.272	0.544	2.525	2.174	0.632	2.503	0.391	1.014	2.294	1.146
QTA	2.804	1.118	2.272	0.544	2.525	2.174	0.632	2.503	0.391	1.014	2.294	1.146
QLA	Pos+	Pos+	Pos+	Neg	Pos+	Pos+	Neg	Pos+	Neg	Pos+	Pos+	Pos+

Operator: Checker:

Print date: 10/25/2016

Part Two

Report

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A	Well	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
	Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
	Sample	001	002	003	004	005	006	007	008	009	010	011	012
	Abs	0.107	2.782	2.666	0.394	2.612	2.692	2.808	1.351	1.935	2.168	2.260	2.766
QTA	0.107	2.782	2.666	0.394	2.612	2.692	2.808	1.351	1.935	2.168	2.260	2.766	
QLA	Neg-	Pos+	Pos+	Neg-	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	
B	Well	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
	Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
	Sample	013	014	015	016	017	018	019	020	021	022	023	024
	Abs	0.104	1.042	2.523	2.670	2.341	2.399	2.765	2.700	1.663	1.537	1.919	2.179
QTA	0.104	1.042	2.523	2.670	2.341	2.399	2.765	2.700	1.663	1.537	1.919	2.179	
QLA	Neg-	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	
C	Well	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12
	Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
	Sample	025	026	027	028	029	030	031	032	033	034	035	036
	Abs	2.238	0.762	2.881	1.414	0.586	2.820	2.718	1.533	2.881	2.382	2.496	2.593
QTA	2.238	0.762	2.881	1.414	0.586	2.820	2.718	1.533	2.881	2.382	2.496	2.593	
QLA	Pos+	Neg-	Pos+	Pos+	Neg-	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	
D	Well	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12
	Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
	Sample	037	038	039	040	041	042	043	044	045	046	047	048
	Abs	0.126	2.931	2.958	0.999	2.773	3.500*	2.650	2.773	0.987	2.773	1.716	2.571
QTA	0.126	2.931	2.958	0.999	2.773	3.500	2.650	2.773	0.987	2.773	1.716	2.571	
QLA	Neg-	Pos+	Pos+	Neg-	Pos+	Pos+	Pos+	Pos+	Neg-	Pos+	Pos+	Pos+	
E	Well	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12
	Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
	Sample	049	050	051	052	053	054	055	056	057	058	059	060
	Abs	1.895	2.733	2.733	2.626	2.612	2.110	2.529	2.619	2.153	2.487	2.502	2.050
QTA	1.895	2.733	2.733	2.626	2.612	2.110	2.529	2.619	2.153	2.487	2.502	2.050	
QLA	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	
F	Well	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
	Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
	Sample	061	062	063	064	065	066	067	068	069	070	071	072
	Abs	1.898	0.484	2.613	2.498	0.583	1.141	0.340	2.465	1.360	2.470	0.542	1.718
QTA	1.898	0.484	2.613	2.498	0.583	1.141	0.340	2.465	1.360	2.470	0.542	1.718	
QLA	Pos+	Neg-	Pos+	Pos+	Neg-	Pos+	Neg-	Pos+	Pos+	Pos+	Neg-	Pos+	
G	Well	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12
	Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
	Sample	073	074	075	076	077	078	079	080	081	082	083	084
	Abs	2.353	2.710	2.710	0.556	2.550	2.851	2.434	2.447	2.735	2.518	2.664	2.710
QTA	2.353	2.710	2.710	0.556	2.550	2.851	2.434	2.447	2.735	2.518	2.664	2.710	
QLA	Pos+	Pos+	Pos+	Neg-	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	Pos+	
H	Well	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12
	Program	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena	irena
	Sample	085	086	087	088	089	090	091	092	093	094	095	096
	Abs	0.506	0.388	1.757	0.506	2.254	2.505	2.621	2.649	0.697	2.325	2.595	2.262
QTA	0.506	0.388	1.757	0.506	2.254	2.505	2.621	2.649	0.697	2.325	2.595	2.262	
QLA	Neg-	Neg-	Pos+	Neg-	Pos+	Pos+	Pos+	Pos+	Neg-	Pos+	Pos+	Pos+	

Operator: _____ Checker: _____
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Call 2
 0.37
 2.06
 0.77
 0.56
 2.17
 1.40
 0.35

Cal $\frac{1.234}{4} = \frac{5.725}{4} = 1.43125$

0.35
 1.94
 0.72
 0.53
 2.04
 1.32
 0.33

Lampiran 3. Hasil uji univariat Kabupaten Brebes

-Seroprevalensi

serum

	Frequency	Percent	Valid Percent	Cumulative Percent
Negatif	12	14,6	14,6	14,6
Valid Positif	70	85,4	85,4	100,0
Total	82	100,0	100,0	

-Jenis Kelamin

Jenis_Kelamin

	Frequency	Percent	Valid Percent	Cumulative Percent
Laki-laki	37	45,7	45,7	45,7
Valid Perempuan	44	54,3	54,3	100,0
Total	81	100,0	100,0	

-Usia

kat_usia

	Frequency	Percent	Valid Percent	Cumulative Percent
12-15	5	6,3	6,3	6,3
16-25	4	5,0	5,0	11,3
26-35	12	15,0	15,0	26,3
Valid 36-45	23	28,8	28,8	55,0
46-55	17	21,3	21,3	76,3
56-65	12	15,0	15,0	91,3
>65	7	8,8	8,8	100,0
Total	80	100,0	100,0	

-Tingkat Penghasilan

penghasilan

	Frequency	Percent	Valid Percent	Cumulative Percent
< 1 juta	19	31,7	31,7	31,7
> 2 juta	11	18,3	18,3	50,0
Valid 1-2 juta	30	50,0	50,0	100,0
Total	60	100,0	100,0	

-Asal Kecamatan dan Serum

kecamatan

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Bulakamba	12	14,6	14,6	14,6
Kersana	30	36,6	36,6	51,2
Ketanggungan	6	7,3	7,3	58,5
Tanjung-Lemahabang	12	14,6	14,6	73,2
Tanjung-tanjung	22	26,8	26,8	100,0
Total	82	100,0	100,0	

kecamatan * serum Crosstabulation

Count

		serum		Total
		negatif	positif	
kecamatan	Bulakamba	1	11	12
	Kersana	7	23	30
	Ketanggungan	0	6	6
	Tanjung-Lemahabang	2	10	12
	Tanjung-tanjung	2	20	22
Total		12	70	82

- Tingkat Pendidikan

pendidikan

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid PT	8	10,0	10,0	10,0
SD	31	38,8	38,8	48,8
SMA	22	27,5	27,5	76,3
SMP	10	12,5	12,5	88,8
tidak sekolah	9	11,3	11,3	100,0
Total	80	100,0	100,0	

- Pekerjaan

pekerjaan

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid buruh	1	1,3	1,3	1,3
guru	4	5,0	5,0	6,3
kernet	1	1,3	1,3	7,5
menjahit	1	1,3	1,3	8,8
pedagang	15	18,8	18,8	27,5
pegawai hotel	5	6,3	6,3	33,8
pegawai kantor	5	6,3	6,3	40,0
pegawai POM	2	2,5	2,5	42,5
pelajar	6	7,5	7,5	50,0
pembuat batu bata	1	1,3	1,3	51,3
pembuat tempe	1	1,3	1,3	52,5
petani	9	11,3	11,3	63,8
sopir	1	1,3	1,3	65,0
tambal ban	1	1,3	1,3	66,3
tidak bekerja	21	26,3	26,3	92,5
tukang becak	1	1,3	1,3	93,8
wiraswasta	5	6,3	6,3	100,0
Total	80	100,0	100,0	

Lampiran 4. Hasil uji univariat Kabupaten Kendal

-Seroprevalensi

Serum

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid negatif	33	27,7	27,7	27,7
Valid positif	86	72,3	72,3	100,0
Total	119	100,0	100,0	

-Jenis Kelamin

Jenis_Kelamin

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Laki-laki	51	43,2	43,2	43,2
Valid Perempuan	67	56,8	56,8	100,0
Total	118	100,0	100,0	

-Usia

kat_usia

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 12-16	3	2,5	2,5	2,5
Valid 17-25	17	14,4	14,4	16,9
Valid 26-35	24	20,3	20,3	37,3
Valid 36-45	15	12,7	12,7	50,0
Valid 46-55	33	28,0	28,0	78,0
Valid 56-65	20	16,9	16,9	94,9
Valid >65	6	5,1	5,1	100,0
Total	118	100,0	100,0	

Tingkat Penghasilan

tkpenghasilan

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid < 1 juta	31	35,2	35,2	35,2
Valid > 2 juta	13	14,8	14,8	50,0
Valid 1-2 juta	44	50,0	50,0	100,0
Total	88	100,0	100,0	

-Asal Kecamatan dan Serum

		Kecamatan			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Curugsewu	12	10,1	10,1	10,1
	Gedong/Patehan	13	10,9	10,9	21,0
	Gemuh	13	10,9	10,9	31,9
	Gemuh/Pamriyan	7	5,9	5,9	37,8
	Kropakan	3	2,5	2,5	40,3
	Pageruyung	6	5,0	5,0	45,4
	Pamriyan/Weleri	3	2,5	2,5	47,9
	Patehan	8	6,7	6,7	54,6
	Pegandon	14	11,8	11,8	66,4
	Singorejo	4	3,4	3,4	69,7
	Singorejo/Kemiriombo	12	10,1	10,1	79,8
	Sukorejo/Ngloyo/arumsari	16	13,4	13,4	93,3
	Sukorejo/Sumber	8	6,7	6,7	100,0
	Total	119	100,0	100,0	

kecamatan * serum Crosstabulation

		serum		Total	
		negatif	positif		
Kecamatan	Curugsewu	Count	3	9	12
		Expected Count	3,3	8,7	12,0
		% within kecamatan	25,0%	75,0%	100,0%
	Gedong/Patehan	Count	6	7	13
		Expected Count	3,6	9,4	13,0
		% within kecamatan	46,2%	53,8%	100,0%
	Gemuh	Count	5	8	13
		Expected Count	3,6	9,4	13,0
		% within kecamatan	38,5%	61,5%	100,0%
Gemuh/Pamriyan	Count	2	5	7	
	Expected Count	1,9	5,1	7,0	
	% within kecamatan	28,6%	71,4%	100,0%	
Kropakan	Count	1	2	3	
	Expected Count	,8	2,2	3,0	
	% within kecamatan	33,3%	66,7%	100,0%	

	Count	2	4	6
Pageruyung	Expected Count	1,7	4,3	6,0
	% within kecamatan	33,3%	66,7%	100,0%
	Count	2	1	3
Pamriyan/Weleri	Expected Count	,8	2,2	3,0
	% within kecamatan	66,7%	33,3%	100,0%
	Count	3	5	8
Patehan	Expected Count	2,2	5,8	8,0
	% within kecamatan	37,5%	62,5%	100,0%
	Count	1	13	14
Pegandon	Expected Count	3,9	10,1	14,0
	% within kecamatan	7,1%	92,9%	100,0%
	Count	2	2	4
Singorejo	Expected Count	1,1	2,9	4,0
	% within kecamatan	50,0%	50,0%	100,0%
	Count	2	10	12
Singorejo/Kemiriombo	Expected Count	3,3	8,7	12,0
	% within kecamatan	16,7%	83,3%	100,0%
	Count	3	13	16
Sukorejo/Ngloyo/arumsari	Expected Count	4,4	11,6	16,0
	% within kecamatan	18,8%	81,3%	100,0%
	Count	1	7	8
Sukorejo/Sumber	Expected Count	2,2	5,8	8,0
	% within kecamatan	12,5%	87,5%	100,0%
	Count	33	86	119
Total	Expected Count	33,0	86,0	119,0
	% within kecamatan	27,7%	72,3%	100,0%

- Tingkat Pendidikan

pendidikan

	Frequency	Percent	Valid Percent	Cumulative Percent
PT	12	10,2	10,2	10,2
SD	50	42,4	42,4	52,5
Valid SMA	30	25,4	25,4	78,0
SMP	20	16,9	16,9	94,9
tidak sekolah	6	5,1	5,1	100,0

Total	118	100,0	100,0
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- Pekerjaan

pekerjaan

	Frequency	Percent	Valid Percent	Cumulative Percent
bidan desa	1	,8	,8	,8
buruh	2	1,7	1,7	2,5
guru	2	1,7	1,7	4,2
Karyawan swasta	1	,8	,8	5,1
pedagang	1	,8	,8	5,9
pedagang daging ternak	2	1,7	1,7	7,6
pedagang kelontong	1	,8	,8	8,5
Valid pegawai kantor	13	11,0	11,0	19,5
pelajar	10	8,5	8,5	28,0
petani	43	36,4	36,4	64,4
supir	1	,8	,8	65,3
swasta pabrik beton	1	,8	,8	66,1
tidak bekerja	35	29,7	29,7	95,8
wiraswasta	5	4,2	4,2	100,0
Total	118	100,0	100,0	

Lampiran 5. Hasil uji bivariat Kabupaten Brebes

-Jenis Kelamin

jenis_kelamin * Serum Crosstabulation

		Serum		Total	
		negatif	positif		
jenis_kelamin	Laki-laki	Count	5	32	37
		Expected Count	5,5	31,5	37,0
		% within jenis_kelamin	13,5%	86,5%	100,0%
	Perempuan	Count	7	37	44
		Expected Count	6,5	37,5	44,0
		% within jenis_kelamin	15,9%	84,1%	100,0%
Total		Count	12	69	81
		Expected Count	12,0	69,0	81,0
		% within jenis_kelamin	14,8%	85,2%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,091 ^a	1	,762		
Continuity Correction ^b	,000	1	1,000		
Likelihood Ratio	,092	1	,762		
Fisher's Exact Test				1,000	,507
N of Valid Cases	81				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5,48.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for jenis_kelamin (Laki-laki / Perempuan)	,826	,239	2,858
For cohort Serum = negatif	,849	,294	2,454
For cohort Serum = positif	1,028	,858	1,232
N of Valid Cases	81		

-Usia

Crosstab

		Serum		Total
		negatif	positif	
umur1	Count	5	4	9
	12-25 Expected Count	1,6	7,4	9,0
	% within umur1	55,6%	44,4%	100,0%
26-45	Count	3	32	35
	Expected Count	6,4	28,6	35,0
	% within umur1	8,6%	91,4%	100,0%
Total	Count	8	36	44
	Expected Count	8,0	36,0	44,0
	% within umur1	18,2%	81,8%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	10,624 ^a	1	,001		
Continuity Correction ^b	7,700	1	,006		
Likelihood Ratio	8,883	1	,003		
Fisher's Exact Test				,005	,005
N of Valid Cases	44				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 1,64.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for umur1 (12-25 / 26-45)	13,333	2,273	78,196
For cohort Serum = negatif	6,481	1,895	22,168
For cohort Serum = positif	,486	,233	1,016
N of Valid Cases	44		

Crosstab

		Serum		Total
		negatif	positif	
umur2	Count	5	4	9
	12-25 Expected Count	1,8	7,2	9,0
	% within umur2	55,6%	44,4%	100,0%
	Count	4	32	36
	>=46 Expected Count	7,2	28,8	36,0
	% within umur2	11,1%	88,9%	100,0%
Total	Count	9	36	45
	Expected Count	9,0	36,0	45,0
	% within umur2	20,0%	80,0%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	8,889 ^a	1	,003		
Continuity Correction ^b	6,328	1	,012		
Likelihood Ratio	7,555	1	,006		
Fisher's Exact Test				,009	,009
N of Valid Cases	45				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 1,80.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for umur2 (12-25 / >=46)	10,000	1,871	53,443
For cohort Serum = negatif	5,000	1,676	14,919
For cohort Serum = positif	,500	,239	1,047
N of Valid Cases	45		

- Pendidikan

Crosstab

		Serum		Total		
		negatif	positif			
pendidikan1	rendah	Count	6	34	40	
		Expected Count	6,7	33,3	40,0	
		% within pendidikan1	15,0%	85,0%	100,0%	
	sedang	Count	6	26	32	
			Expected Count	5,3	26,7	32,0
			% within pendidikan1	18,8%	81,3%	100,0%
Total	Count	12	60	72		
		Expected Count	12,0	60,0	72,0	
		% within pendidikan1	16,7%	83,3%	100,0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,180 ^a	1	,671		
Continuity Correction ^b	,011	1	,916		
Likelihood Ratio	,179	1	,672		
Fisher's Exact Test				,756	,455
N of Valid Cases	72				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 5,33.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for pendidikan1 (rendah / sedang)	,765	,221	2,646
For cohort Serum = negatif	,800	,285	2,245
For cohort Serum = positif	1,046	,847	1,292
N of Valid Cases	72		

Crosstab

		Serum		Total	
		negatif	positif		
pendidikan2	rendah	Count	6	34	40
		Expected Count	5,0	35,0	40,0
		% within pendidikan2	15,0%	85,0%	100,0%
	tinggi	Count	0	8	8
		Expected Count	1,0	7,0	8,0
		% within pendidikan2	0,0%	100,0%	100,0%
Total		Count	6	42	48
		Expected Count	6,0	42,0	48,0
		% within pendidikan2	12,5%	87,5%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,371 ^a	1	,242		
Continuity Correction ^b	,343	1	,558		
Likelihood Ratio	2,353	1	,125		
Fisher's Exact Test				,571	,313
N of Valid Cases	48				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 1,00.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
For cohort Serum = positif	,850	,746	,968
N of Valid Cases	48		

- Pekerjaan

kat_pekerjaan * Serum Crosstabulation

		Serum		Total	
		negatif	positif		
kat_pekerjaan	berisiko	Count	0	10	10
		Expected Count	1,5	8,5	10,0
		% within kat_pekerjaan	0,0%	100,0%	100,0%
	tidak berisiko	Count	12	60	72
		Expected Count	10,5	61,5	72,0
		% within kat_pekerjaan	16,7%	83,3%	100,0%
Total	Count	12	70	82	
	Expected Count	12,0	70,0	82,0	
	% within kat_pekerjaan	14,6%	85,4%	100,0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1,952 ^a	1	,162		
Continuity Correction ^b	,846	1	,358		
Likelihood Ratio	3,394	1	,065		
Fisher's Exact Test				,344	,185
N of Valid Cases	82				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 1,46.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
For cohort Serum = positif	1,200	1,082	1,331
N of Valid Cases	82		

Lampiran 6. Hasil uji bivariat Kabupaten Kendal

- Jenis Kelamin

jenis_kelamin * serum Crosstabulation

		serum		Total	
		negatif	positif		
jenis_kelamin	Laki-laki	Count	16	35	51
		Expected Count	14,3	36,7	51,0
		% within jenis_kelamin	31,4%	68,6%	100,0%
	Perempuan	Count	17	50	67
		Expected Count	18,7	48,3	67,0
		% within jenis_kelamin	25,4%	74,6%	100,0%
Total		Count	33	85	118
		Expected Count	33,0	85,0	118,0
		% within jenis_kelamin	28,0%	72,0%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,517 ^a	1	,472		
Continuity Correction ^b	,262	1	,608		
Likelihood Ratio	,515	1	,473		
Fisher's Exact Test				,537	,303
N of Valid Cases	118				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 14,26.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for jenis_kelamin (Laki-laki / Perempuan)	1,345	,599	3,016
For cohort serum = negatif	1,236	,694	2,203
For cohort serum = positif	,920	,729	1,160
N of Valid Cases	118		

-Usia

umur1 * serum Crosstabulation

		serum		Total
		negatif	positif	
umur1	Count	10	10	20
	12-25 Expected Count	6,4	13,6	20,0
	% within umur1	50,0%	50,0%	100,0%
	Count	9	30	39
	26-45 Expected Count	12,6	26,4	39,0
	% within umur1	23,1%	76,9%	100,0%
Total	Count	19	40	59
	Expected Count	19,0	40,0	59,0
	% within umur1	32,2%	67,8%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	4,389 ^a	1	,036		
Continuity Correction ^b	3,243	1	,072		
Likelihood Ratio	4,289	1	,038		
Fisher's Exact Test				,045	,037
N of Valid Cases	59				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 6,44.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for umur1 (12-25 / 26-45)	3,333	1,055	10,530
For cohort serum = negatif	2,167	1,053	4,457
For cohort serum = positif	,650	,406	1,041
N of Valid Cases	59		

umur2 * serum Crosstabulation

		serum		Total
		negatif	positif	
umur2	Count	10	10	20
	12-25 Expected Count	6,1	13,9	20,0
	% within umur2	50,0%	50,0%	100,0%
	Count	14	45	59
	>=46 Expected Count	17,9	41,1	59,0
	% within umur2	23,7%	76,3%	100,0%
Total	Count	24	55	79
	Expected Count	24,0	55,0	79,0
	% within umur2	30,4%	69,6%	100,0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	4,874 ^a	1	,027		
Continuity Correction ^b	3,711	1	,054		
Likelihood Ratio	4,637	1	,031		
Fisher's Exact Test				,047	,029
N of Valid Cases	79				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 6,08.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for umur2 (12-25 / >=46)	3,214	1,111	9,297
For cohort serum = negatif	2,107	1,118	3,970
For cohort serum = positif	,656	,414	1,039
N of Valid Cases	79		

-Pendidikan

pendidikan1 * serum Crosstabulation

		serum		Total		
		negatif	positif			
pendidikan1	rendah	Count	16	40	56	
		Expected Count	16,9	39,1	56,0	
		% within pendidikan1	28,6%	71,4%	100,0%	
	sedang	Count	16	34	50	
			Expected Count	15,1	34,9	50,0
			% within pendidikan1	32,0%	68,0%	100,0%
Total	Count	32	74	106		
		Expected Count	32,0	74,0	106,0	
		% within pendidikan1	30,2%	69,8%	100,0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,147 ^a	1	,701		
Continuity Correction ^b	,030	1	,863		
Likelihood Ratio	,147	1	,701		
Fisher's Exact Test				,833	,431
N of Valid Cases	106				

a. 0 cells (,0%) have expected count less than 5. The minimum expected count is 15,09.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for pendidikan1 (rendah / sedang)	,850	,371	1,950
For cohort serum = negatif	,893	,501	1,592
For cohort serum = positif	1,050	,816	1,352
N of Valid Cases	106		

pendidikan2 * serum Crosstabulation

		serum		Total	
		negatif	positif		
pendidikan2	rendah	Count	16	40	56
		Expected Count	14,0	42,0	56,0
		% within pendidikan2	28,6%	71,4%	100,0%
	tinggi	Count	1	11	12
		Expected Count	3,0	9,0	12,0
		% within pendidikan2	8,3%	91,7%	100,0%
Total	Count	17	51	68	
	Expected Count	17,0	51,0	68,0	
	% within pendidikan2	25,0%	75,0%	100,0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2,159 ^a	1	,142		
Continuity Correction ^b	1,214	1	,270		
Likelihood Ratio	2,587	1	,108		
Fisher's Exact Test				,269	,133
N of Valid Cases	68				

a. 1 cells (25,0%) have expected count less than 5. The minimum expected count is 3,00.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for pendidikan2 (rendah / tinggi)	4,400	,524	36,938
For cohort serum = negatif	3,429	,502	23,425
For cohort serum = positif	,779	,614	,988
N of Valid Cases	68		

- Pekerjaan

kat_pekerjaan * serum Crosstabulation

		serum		Total	
		negatif	positif		
kat_pekerjaan	berisiko	Count	15	32	47
		Expected Count	13,1	33,9	47,0
		% within kat_pekerjaan	31,9%	68,1%	100,0%
	tidak berisiko	Count	18	53	71
		Expected Count	19,9	51,1	71,0
		% within kat_pekerjaan	25,4%	74,6%	100,0%
Total	Count	33	85	118	
	Expected Count	33,0	85,0	118,0	
	% within kat_pekerjaan	28,0%	72,0%	100,0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	,605 ^a	1	,437		
Continuity Correction ^b	,323	1	,570		
Likelihood Ratio	,600	1	,439		
Fisher's Exact Test				,530	,284
N of Valid Cases	118				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 13,14.

b. Computed only for a 2x2 table

Risk Estimate

	Value	95% Confidence Interval	
		Lower	Upper
Odds Ratio for kat_pekerjaan (berisiko / tidak berisiko)	1,380	,612	3,114
For cohort serum = negatif	1,259	,706	2,243
For cohort serum = positif	,912	,719	1,157
N of Valid Cases	118		