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LAMPIRAN

A. Pengambilan Sampel (danau Sidenreng dan Lapompakka)

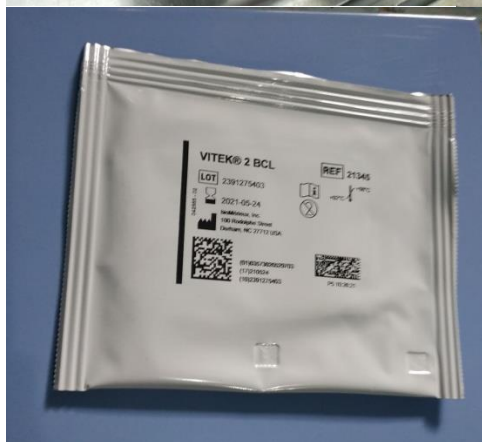
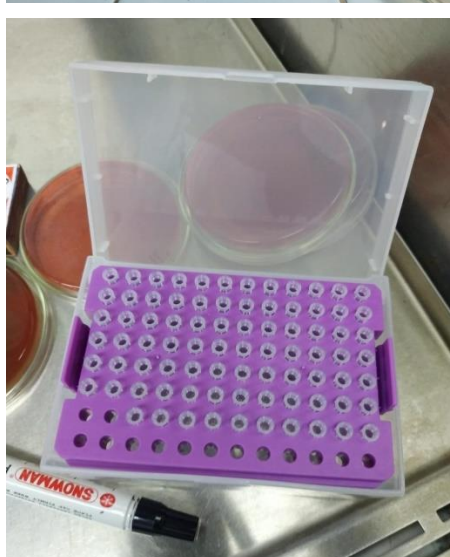
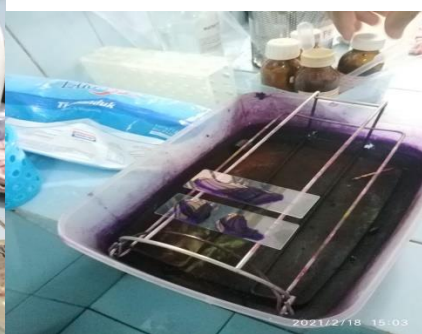
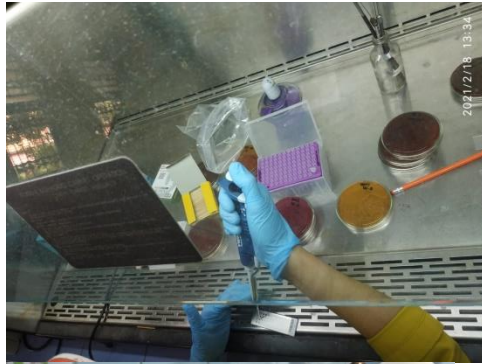


B. Nekropsi



C. Uji mesin Vitek 2 Kompact

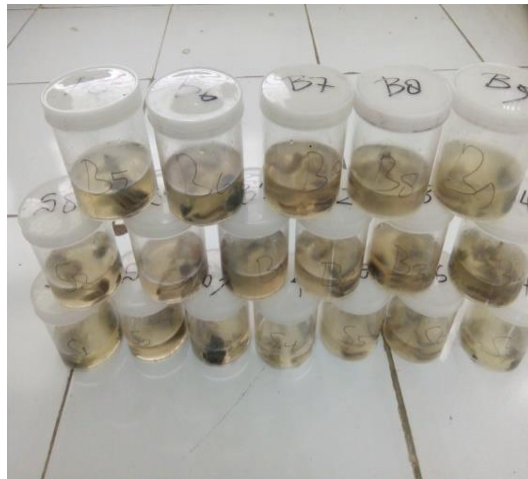






D. Uji Histopatologi

a. Tahap fiksasi



b. Tahap dehidrasi



c. Tahap clearing



d. Tahap infiltring



e. Tahap embiding



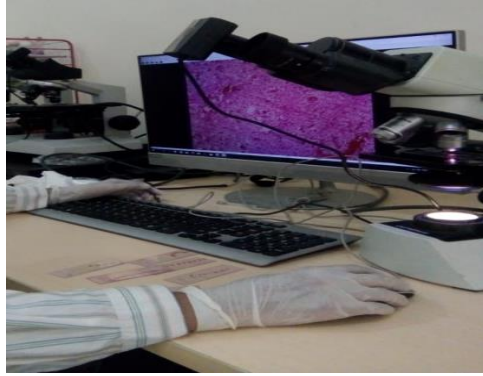
f. Tahap pemotongan



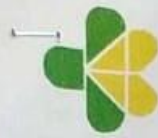
g. Tahap pewarnaan



h. Tahap pengamatan preparat histologi



E. Hasil Pembacaan Mesin Vitec 2 Kompect



KEMENTERIAN KESEHATAN RI
 DIREKTORAT JENDERAL PELAYANAN KESEHATAN
BALAI BESAR LABORATORIUM KESEHATAN MAKASSAR



Jl. Perintis Kemerdekaan KM.11 Tamalanrea Makassar 90245

HASIL PENELITIAN MAHASISWA
 21011288 - 21011295/LHU/BBLK-MKS/V/2021

Nama : Dian Anugrah
 Universitas : Universitas Hasanuddin
 Fakultas/Jurusan : Kedokteran/Kedokteran Hewan
 Tanggal Penelitian : 04 April 2021
 Judul Penelitian : Identifikasi Bakteri Gram Positif Serta Pengaruhnya Terhadap Histopatologi Organ Ginjal Pada Ikan Sapu-sapu (*Pterygoplichthys pardalis*) Di Danau Lapompakka dan Danu Sidenreng.
 Sampel : Ginjal Ikan Sapu-sapu
 Parameter : Identifikasi Bakteri
 Hasil Penelitian :

No. Lab	Jenis Sampel	Koloni	Pewarnaan Gram	Jenis Bakteri
21011288	Ginjal Ikan Danau Lapompakka	1	Bacilli Gram Negatif	-
21011289	Sampel 1	2	Bacilli Gram Negatif	-
21011290	Ginjal Ikan Danau Lapompakka	1	Bacilli Gram Negatif	-
21011291	Sampel 2	2	Coccus Gram Positif	<i>Enterococcus faecalis</i>
21011292	Ginjal Ikan Danau Lapompakka	1	Bacilli Gram Negatif	-
21011293	Sampel 3	2	Bacilli Gram Negatif	-
21011294	Ginjal Ikan Danau Lapompakka	1	Bacilli Gram Negatif	-
21011295	Sampel 4	2	Coccus Gram Positif	<i>Enterococcus faecalis</i>

Catatan : 1. Hasil uji hanya berlaku untuk sampel yang di uji
 2. Laporan hasil uji ini terdiri dari 1 halaman
 3. Laporan hasil uji ini tidak boleh digandakan
 Kecuali secara lengkap dan sesuai tertulis laboratorium penguji
 Balai Besar Laboratorium Kesehatan Makassar

Makassar, 27 Mei 2021
 Kepala Seksi Lab. Lingkungan



Telp. 0411 586458, 586457, 586270 Fax. 0411 586270
 Surat Elektronik : bblk_makassar@yahoo.com, bblk.mksr@gmail.com



BBLK MAKASSAR

bioMérieux Customer:
System #: 11530

Laboratory Report

Printed May 19, 2021 18:56 SGT
Autoprint

Patient Name: Dian, Unhas
Isolate: DBG2b-1 (Approved)

Patient ID: 18052021

Card Type: GP Bar Code: 2421513103147635 Testing Instrument: 000015F277A8 (11530)
Setup Technologist: Laboratory Supervisor(LabSuper)

Bionumber: 156002665773671
Organism Quantity:

Selected Organism: Enterococcus faecalis

Comments:	

McFarland: (0.50 - 0.63)

Identification Information	Card: GP	Lot Number: 2421513103	Expires: Jan 17, 2022 12:00 SGT
	Completed: May 19, 2021 18:56 SGT	Status: Final	Analysis Time: 3.85 hours
Organism Origin	VITEK 2		
Selected Organism	98% Probability Enterococcus faecalis		Confidence: Excellent identification
	Bionumber: 156002665773671		
SRF Organism			
Analysis Organisms and Tests to Separate:			
Analysis Messages:			
Contraindicating Typical Biopattern(s) Enterococcus faecalis LeuA(79),			

Biochemical Details																	
2	AMY	+	4	PIPLC	-	5	dXYL	-	8	ADH1	+	9	BGAL	-	11	AGLU	+
13	APPA	-	14	CDEX	+	15	AspA	+	16	BGAR	-	17	AMAN	-	19	PHOS	-
20	LeuA	-	23	ProA	-	24	BGURr	-	25	AGAL	-	26	PyrA	+	27	BGUR	-
28	AlaA	-	29	TyrA	+	30	dSOR	+	31	URE	-	32	POLYB	+	37	dGAL	+
38	dRIB	+	39	ILATk	-	42	LAC	+	44	NAG	+	45	dMAL	+	46	BACI	+
47	NOVO	+	50	NC6.5	+	52	dMAN	+	53	dMNE	+	54	MBdG	+	56	PUL	-
57	dRAF	-	58	O129R	+	59	SAL	+	60	SAC	+	62	dTRE	+	63	ADH2s	+
64	OPTQ	+															

Installed VITEK 2 Systems Version: 08.01
MIC Interpretation Guideline:
AES Parameter Set Name:

Therapeutic Interpretation Guideline:
AES Parameter Last Modified:

BBLK MAKASSAR

Laboratory Report

Printed May 22, 2021 17:10 SGT
Autoprint

Mérieux Customer:
System #: 11530

Patient Name: Dian, Unhas
Isolate: DBG4b-1 (Approved)

Patient ID: 18052021

Card Type: GP Bar Code: 2421612403346294 Testing Instrument: 000015F277A8 (11530)
Setup Technologist: Laboratory Supervisor(LabSuper)

Bionumber: 114002761773471

Organism Quantity:

Selected Organism: Enterococcus faecalis

Comments:	

McFarland: (0.50 - 0.63)

Identification Information	Card: GP	Lot Number: 2421612403	Expires: Apr 26, 2022 12:00 SGT
	Completed: May 22, 2021 17:10 SGT	Status: Final	Analysis Time: 2.88 hours
Organism Origin	VITEK 2		
Selected Organism	99% Probability Enterococcus faecalis		Confidence: Excellent identification
	Bionumber: 114002761773471		
SRF Organism			
Analysis Organisms and Tests to Separate:			
Analysis Messages:			
Contraindicating Typical Biopattern(s)			

Biochemical Details

2	AMY	+	4	PIPLC	-	5	dXYL	-	8	ADH1	+	9	BGAL	-	11	AGLU	-
13	APPA	-	14	CDEX	-	15	AspA	+	16	BGAR	-	17	AMAN	-	19	PHOS	-
20	LeuA	-	23	ProA	-	24	BGURr	-	25	AGAL	-	26	PyrA	+	27	BGUR	-
28	AlaA	+	29	TyrA	+	30	dSOR	+	31	URE	-	32	POLYB	+	37	dGAL	+
38	dRIB	+	39	ILATk	-	42	LAC	-	44	NAG	+	45	dMAL	+	46	BACI	+
47	NOVO	+	50	NC6.5	+	52	dMAN	+	53	dMNE	+	54	MBdG	+	56	PUL	-
57	dRAF	-	58	O129R	-	59	SAL	+	60	SAC	+	62	dTRE	+	63	ADH2s	+
64	OPTO	+															

Installed VITEK 2 Systems Version: 08.01
MIC Interpretation Guideline:
AES Parameter Set Name:

Therapeutic Interpretation Guideline:
AES Parameter Last Modified:

HASIL PENELITIAN MAHASISWA
21011279 - 21011287/LHU/BBLK-MKS/2021

Nama : Dian Anugrah
 Universitas : Universitas Hasanuddin
 Fakultas/Jurusan : Kedokteran/Kedokteran Hewan
 Tanggal Penelitian : 04 April 2021
 Judul Penelitian : Identifikasi Bakteri Gram Positif Serta Pengaruhnya Terhadap Histopatologi Organ Ginjal Pada Ikan Sapu-sapu (*Pterygoplichthys pardalis*) Di Danau Lapompakka dan Danu Sidenreng.
 Sampel : Ginjal Ikan Sapu-sapu
 Parameter : Identifikasi Bakteri
 Hasil Penelitian :

No. Lab	Jenis Sampel	Koloni	Pewarnaan Gram	Jenis Bakteri
21011279	Ginjal Ikan Danau Sidenreng Sampel 1	1	Bacilli Gram Positif	<i>Bacillus sp</i>
21011280		2	Bacilli Gram Negatif	-
21011281		3	Bacilli Gram Negatif	-
21011282	Ginjal Ikan Danau Sidenreng Sampel 2	1	Coccus Gram Positif	<i>Staphylococcus gallinarum</i>
21011283		2	Bacilli Gram Negatif	-
21011284	Ginjal Ikan Danau Sidenreng Sampel 3	1	Bacilli Gram Negatif	-
21011285		2	Coccus Gram Positif	<i>Enterococcus faecalis</i>
21011286	Ginjal Ikan Danau Sidenreng Sampel 4	1	Bacilli Gram Negatif	-
21011287		2	Bacilli Gram Negatif	-

Catatan

1. Hasil uji hanya berlaku untuk sampel yang di uji
2. Laporan hasil uji ini terdiri dari 1 halaman
3. Laporan hasil uji ini tidak boleh digandakan

Kecuali secara lengkap dan seizin tertulis laboratorium penguji
Balai Besar Laboratorium Kesehatan Makassar

Makassar, 27 Mei 2021
 Kepala Seksi Lab.Lingkungan

Aniaz Kartanegara, S. Farm
 NIP : 197804212000121002

BBLK MAKASSAR

Laboratory Report

Printed May 23, 2021 04:09 SGT
Autoprint

bioMérieux Customer:
System #: 11530

Patient ID: 18052021

Patient Name: Dian, Unhas
Isolate: DSG1a-2 (Approved)

Card Type: BCL Bar Code: 2391275403217002 Testing Instrument: 000015F277A8 (11530)
Setup Technologist: Laboratory Supervisor(LabSuper)

Bionumber: 4723001140046241
Organism Quantity: Selected Organism: *Bacillus cereus/thuringiensis/mycoides*

Comments:	

McFarland: (1.80 - 2.20)

Identification Information	Card: BCL	Lot Number: 2391275403	Expires: May 24, 2021 12:00 SGT
	Completed: May 23, 2021 04:09 SGT	Status: Final	Analysis Time: 13.88 hours
Organism Origin	VITEK 2		
Selected Organism	85% Probability	<i>Bacillus cereus/thuringiensis/mycoides</i>	
	Bionumber: 4723001140046241	Confidence: Acceptable identification	
SRF Organism			
Analysis Organisms and Tests to Separate:			
Bacillus cereus/thuringiensis/mycoides			
Bacillus cereus	TOX.CRYST.(0),RHIZOIDcol(0),		
Bacillus mycoides	TOX.CRYST.(0),RHIZOIDcol(100),		
Bacillus thuringiensis	TOX.CRYST.(100),RHIZOIDcol(0),		
Analysis Messages:			
Contraindicating Typical Biopattern(s)			
Bacillus cereus/thuringiensis/mycoides	BNAG(93),KAN(75),TTZ(5),ESC(86),ProA(1),NaCl 6.5%(16),		

Installed VITEK 2 Systems Version: 08.01
MIC Interpretation Guideline:
AES Parameter Set Name:

Therapeutic Interpretation Guideline:
AES Parameter Last Modified:

BBLK MAKASSAR

Laboratory Report

Printed May 23, 2021 04:09 SGT
Autoprint

Mérieux Customer:
System #: 11530

Patient Name: Dian, Unhas
Isolate: DSG1a-2 (Approved)

Patient ID: 18052021

Card Type: BCL Bar Code: 2391275403217002 Testing Instrument: 000015F277A8 (11530)
Setup Technologist: Laboratory Supervisor(LabSuper)

Bionumber: 4723001140046241

Organism Quantity: Selected Organism: *Bacillus cereus/thuringiensis/mycoides*

Biochemical Details																	
1	BXYL	-	3	LysA	-	4	AspA	+	5	LeuA	+	7	PheA	+	8	ProA	+
9	BGAL	-	10	PyrA	+	11	AGAL	-	12	AlaA	+	13	TyrA	+	14	BNAG	-
15	APPA	-	18	CDEX	-	19	dGAL	-	21	GLYG	-	22	INO	-	24	MdG	-
25	ELLM	+	26	MdX	-	27	AMAN	-	29	MTE	+	30	GlyA	-	31	dMAN	-
32	dMNE	-	34	dMLZ	-	36	NAG	+	37	PLE	-	39	IRHA	-	41	BGLU	-
43	BMAN	-	44	PHC	-	45	PVATE	-	46	AGLU	-	47	dTAG	-	48	dTRE	+
50	INU	-	53	dGLU	+	54	dRIB	+	56	PSCNa	-	58	NaCl 6.5%	+	59	KAN	-
60	OLD	-	61	ESC	-	62	TTZ	+	63	POLYB_R	+						

Installed VITEK 2 Systems Version: 08.01
MIC Interpretation Guideline:
AES Parameter Set Name:

Therapeutic Interpretation Guideline:
AES Parameter Last Modified:

BBLK MAKASSAR

Mérieux Customer:
System #: 11530

Laboratory Report

Printed May 20, 2021 18:46 SGT
Autoprint

Patient Name: Dian, Unhas
Isolate: DSG2a-2 (Approved)

Patient ID: 18052021

Card Type: GP Bar Code: 2421513103147634 Testing Instrument: 000015F277A8 (11530)
Setup Technologist: Laboratory Supervisor(LabSuper)

Bionumber: 410002450273531
Organism Quantity:

Selected Organism: *Staphylococcus gallinarum*

Comments:	

McFarland: (0.50 - 0.63)

Identification Information	Card: GP	Lot Number: 2421513103	Expires: Jan 17, 2022 12:00 SGT
	Completed: May 20, 2021 18:46 SGT	Status: Final	Analysis Time: 3.83 hours
Organism Origin	VITEK 2		
Selected Organism	99% Probability <i>Staphylococcus gallinarum</i>		Confidence: Excellent identification
SRF Organism	Bionumber: 410002450273531		
Analysis Organisms and Tests to Separate:			
Analysis Messages:			
Contraindicating Typical Biopattern(s)			

Biochemical Details

2	AMY	-	4	PIPLC	-	5	dXYL	+	8	ADH1	+	9	BGAL	-	11	AGLU	-
13	APPA	-	14	CDEX	-	15	AspA	-	16	BGAR	-	17	AMAN	-	19	PHOS	-
20	LeuA	-	23	ProA	-	24	BGURr	-	25	AGAL	-	26	PyrA	+	27	BGUR	-
28	AlaA	-	29	TyrA	-	30	dSOR	+	31	URE	+	32	POLYB	-	37	dGAL	+
38	dRIB	-	39	ILATk	-	42	LAC	-	44	NAG	-	45	dMAL	+	46	BACI	-
47	NOVO	+	50	NC6.5	+	52	dMAN	+	53	dMNE	+	54	MBdG	+	56	PUL	-
57	dRAF	+	58	O129R	-	59	SAL	+	60	SAC	+	62	dTRE	+	63	ADH2s	-
64	OPTO	+															

Installed VITEK 2 Systems Version: 08.01
MIC Interpretation Guideline:
AES Parameter Set Name:

Therapeutic Interpretation Guideline:
AES Parameter Last Modified:

BBLK MAKASSAR

BioMérieux Customer:
System #: 11530

Laboratory Report

Printed May 20, 2021 18:45 SGT
Autoprint

Patient Name: Dian, Unhas
Isolate: DSG3b-1 (Approved)

Patient ID: 18052021

Card Type: GP Bar Code: 2421513103147633 Testing Instrument: 000015F277A8 (11530)
Setup Technologist: Laboratory Supervisor(LabSuper)

Bionumber: 156002665773671

Selected Organism: *Enterococcus faecalis*

Comments:	

McFarland: (0.50 - 0.63)

Identification Information	Card: GP	Lot Number: 2421513103	Expires: Jan 17, 2022 12:00 SGT
	Completed: May 20, 2021 18:45 SGT	Status: Final	Analysis Time: 3.83 hours
Organism Origin	VITEK 2		
Selected Organism	98% Probability <i>Enterococcus faecalis</i>		Confidence: Excellent identification
	Bionumber: 156002665773671		
SRF Organism			
Analysis Organisms and Tests to Separate:			
Analysis Messages:			
Contraindicating Typical Biopattern(s) <i>Enterococcus faecalis</i> LeuA(79),			

Biochemical Details																	
2	AMY	+	4	PIPLC	-	5	dXYL	-	8	ADH1	+	9	BGAL	-	11	AGLU	+
13	APPA	-	14	CDEX	+	15	AspA	+	16	BGAR	-	17	AMAN	-	19	PHOS	-
20	LeuA	-	23	ProA	-	24	BGURr	-	25	AGAL	-	26	PyrA	+	27	BGUR	-
28	AlaA	-	29	TyrA	+	30	dSOR	+	31	URE	-	32	POLYB	+	37	dGAL	+
38	dRIB	+	39	ILATK	-	42	LAC	+	44	NAG	+	45	dMAL	+	46	BACI	+
47	NOVO	+	50	NC6.5	+	52	dMAN	+	53	dMNE	+	54	MBdG	+	56	PUL	-
57	dRAF	-	58	O129R	+	59	SAL	+	60	SAC	+	62	dTRE	+	63	ADH2s	+
64	OPTD	+															

Installed VITEK 2 Systems Version: 08.01
MIC Interpretation Guideline:
AES Parameter Set Name:

Therapeutic Interpretation Guideline:
AES Parameter Last Modified:



KEMENTERIAN KESEHATAN RI
 DIREKTORAT JENDERAL PELAYANAN KESEHATAN
BALAI BESAR LABORATORIUM KESEHATAN MAKASSAR

Jl. Perintis Kemerdekaan KM.11 Tamalanrea Makassar 90245



HASIL PENELITIAN MAHASISWA
 21005485-21005492/LHU/BBLK-MKS/III/2021

Nama : Dian Anugrah
 Universitas : Universitas Hasanuddin
 Fakultas/Jurusan : Kedokteran/Kedokteran Hewan
 Tanggal Penelitian : 19 Februari 2021
 Judul Penelitian : Identifikasi Bakteri Gram Positif Serta Pengaruhnya Terhadap Histopatologi Organ Ginjal Pada Ikan Sapu-sapu (*Pterygoplichthys pardalis*) Di Danau Lapompakka dan Danu Sidenreng.
 Sampel : Ginjal Ikan Sapu-sapu
 Parameter : Identifikasi Bakteri
 Hasil Penelitian :

No. Lab	Jenis Sampel	Koloni	Pewarnaan Gram	Jenis Bakteri
21005485	Ginjal Ikan Danau Sidenreng	1	Bacilli Gram Positif	<i>Bacillus sp</i>
21005486		2	Bacilli Gram Negatif	-
21005487		3	Bacilli Gram Negatif	-
21005488		4	Bacilli Gram Negatif	-
21005489	Ginjal Ikan Danau Lapompakka	1	Bacilli Gram Negatif	-
21005490		2	Coccus Gram Positif	<i>Staphylococcus equorum</i>
21005491		3	Bacilli Gram Negatif	-
21005492		4	Bacilli Gram Negatif	-

Catatan : 1. Hasil uji hanya berlaku untuk sampel yang di uji
 2. Laporan hasil uji ini terdiri dari 1 halaman
 3. Laporan hasil uji ini tidak boleh digandakan
 Kecuali secara lengkap dan seizin tertulis laboratorium penguji
 Balai Besar Laboratorium Kesehatan Makassar

Makassar, 16 Maret 2021
 Kepala Seksi Lab. Lingkungan

Araz Kartanegara, S. Fam
 NIP. : 197804212000121002

Telp. 0411 586458, 586457, 586270 Fax. 0411 586270
 Surat Elektronik : bblk_makassar@yahoo.com, bblk.mksr@gmail.com



RSI

BBLK MAKASSAR

bioMérieux Customer:
System #: 11530

Laboratory Report

Printed Feb 19, 2021 05:33 SGT
Autoprint

Patient Name: Dian, Anugrah
Isolate: 18022021-1 (Qualified)

Patient ID: 18022021

Card Type: BCL Bar Code: 2391275403216992 Testing Instrument: 000015F277A8 (11530)
Setup Technologist: Laboratory Supervisor(LabSuper)

Bionumber: 4203101010402040
Organism Quantity:

Selected Organism: Low Discrimination

Comments:	

McFarland: (1.80 - 2.20)

Identification Information	Card: BCL	Lot Number: 2391275403	Expires: May 24, 2021 12:00 SGT
	Completed: Feb 19, 2021 05:33 SGT	Status: Final	Analysis Time: 13.88 hours
Organism Origin	VITEK 2		
Selected Organism	Low Discrimination		
SRF Organism	Bionumber: 4203101010402040	Confidence: Low discrimination	
Analysis Organisms and Tests to Separate:			
Low Discrimination Organism			
Bacillus firmus	CASEIN(20),NO3(90),ANA.GROWTH(90),Gram +(90),		
Bacillus badius	CASEIN(90),NO3(10),ANA.GROWTH(10),Gram +(90),		
Bacillus farraginis	CASEIN(10),NO3(10),ANA.GROWTH(10),Gram +(10),		
Analysis Messages:			
Contraindicating Typical Biopattern(s)			
Bacillus firmus	LeuA(87),dMNE(24),APPA(6),PyrA(85),AGLU(99),PVATE(1),		
Bacillus badius	LeuA(89),dMNE(1),APPA(15),AspA(15),PSCNa(70),dGLU(1),		
Bacillus farraginis	dMNE(1),AspA(17),PHC(78),TTZ(10),dGLU(1),		

Installed VITEK 2 Systems Version: 08.01
MIC Interpretation Guideline:
AES Parameter Set Name:

Therapeutic Interpretation Guideline:
AES Parameter Last Modified:

BBLK MAKASSAR

BioMérieux Customer:
System #: 11530

Laboratory Report

Printed Feb 19, 2021 05:33 SGT
Autoprint

Patient Name: Dian, Anugrah
Isolate: 18022021-1 (Qualified)

Patient ID: 18022021

Card Type: BCL Bar Code: 2391275403216992 Testing Instrument: 000015F277A8 (11530)
Setup Technologist: Laboratory Supervisor(LabSuper)

Bionumber: 4203101010402040
Organism Quantity:

Selected Organism: Low Discrimination

Biochemical Details

1	BXYL	-	3	LysA	-	4	AspA	+	5	LeuA	-	7	PheA	+	8	PheA	-
9	BGAL	-	10	PyrA	-	11	AGAL	-	12	AlaA	+	13	TyrA	+	14	BNAG	-
15	APPA	+	18	CDEX	-	19	dGAL	-	21	GLYG	-	22	INO	-	24	MdG	-
25	ELLM	+	26	MdX	-	27	AMAN	-	29	MTE	-	30	GlyA	-	31	dMAN	-
32	dMNE	+	34	dMLZ	-	36	NAG	-	37	PLE	-	39	IRHA	-	41	BGLU	-
43	BMAN	-	44	PHC	-	45	PVATE	+	46	AGLU	-	47	dTAG	-	48	dTRE	-
50	INU	-	53	dGLU	+	54	dRIB	-	56	PSCNa	-	58	NaCl 6.5%	-	59	KAN	-
60	OLD	-	61	ESC	-	62	TTZ	+	63	POLYB_R	-						

Installed VITEK 2 Systems Version: 08.01
MIC Interpretation Guideline:
AES Parameter Set Name:

Therapeutic Interpretation Guideline:
AES Parameter Last Modified:

BBLK MAKASSAR

Laboratory Report

Printed Mar 5, 2021 21:04 SGT
Autoprint

Mérieux Customer:
System #: 11530

Patient Name: Dian, Anugrah
Isolate: 05032021-1 (Approved)

Patient ID: 18022021

Card Type: GP Bar Code: 2421513103135823 Testing Instrument: 000015F277A8 (11530)
Setup Technologist: Laboratory Supervisor(LabSuper)

Bionumber: 400044010061631
Organism Quantity: Selected Organism: Staphylococcus equorum

Comments:

McFarland: (0.50 - 0.63)			
Identification Information	Card: GP	Lot Number: 2421513103	Expires: Jan 17, 2022 12:00 SGT
	Completed: Mar 5, 2021 21:04 SGT	Status: Final	Analysis Time: 4.87 hours
Organism Origin	VITEK 2		
Selected Organism	95% Probability Staphylococcus equorum		Confidence: Very good identification
	Bionumber: 400044010061631		
SRF Organism			
Analysis Organisms and Tests to Separate:			
Analysis Messages:			
Contraindicating Typical Biopattern(s) Staphylococcus equorum NOVO(94).			

2	AMY	-	4	PIPLC	-	5	dXYL	+	8	ADH1	-	9	BGAL	-	11	AGLU	-
13	APPA	-	14	CDEX	-	15	AspA	-	16	BGAR	-	17	AMAN	-	19	PHOS	(-)
20	LeuA	-	23	ProA	-	24	BGURr	+	25	AGAL	-	26	PyrA	-	27	BGUR	+
28	AlaA	-	29	TyrA	-	30	dSOR	-	31	URE	+	32	POLYB	-	37	dGAL	-
38	dRIB	-	39	ILATk	-	42	LAC	-	44	NAG	-	45	dMAL	-	46	BACI	-
47	NOVO	-	50	NC6.5	+	52	dMAN	+	53	dMNE	+	54	MBdG	-	56	PUL	-
57	dRAF	-	58	O129R	+	59	SAL	+	60	SAC	+	62	dTRE	+	63	ADH2s	-
64	OPTO	+															

Installed VITEK 2 Systems Version: 08.01
MIC Interpretation Guideline:
AES Parameter Set Name:

Therapeutic Interpretation Guideline:
AES Parameter Last Modified:

Page 1 of 1

RIWAYAT HIDUP



Penulis dengan nama lengkap Dian Anugrah, dilahirkan tanggal 30 September 1999 di Sinjai, Sulawesi selatan dari Ayahanda Mansur dan Ibunda Ruaeda. Penulis merupakan anak kedua dari dua bersaudara, dengan kakak Ahmad Saiful. Penulis menyelesaikan Sekolah Dasar di SDN 41 Samaenre, kemudian penulis melanjutkan pendidikan ke SMP Negeri 1 Sinjai dan lulus pada tahun 2014. Pada Tahun 2017 penulis menyelesaikan pendidikan di SMA Negeri 2 Sinjai. Penulis diterima di Program Studi Kedokteran Hewan, Fakultas Kedokteran, Universitas Hasanuddin pada tahun 2017 melalui jalur SNPTN. Selama perkuliahan penulis aktif di organisasi internal kampus yaitu Himpunan Mahasiswa Kedokteran Hewan (HIMAKAHA) FK-UH dan menjabat sebagai Koordinator Dana dan Usaha HIMAKAHA Periode 2020-2021, serta aktif pada organisasi eksternal kampus yaitu KAMMI dan penulis aktif mengikuti kegiatan kerelawanan. Penulis juga aktif dalam kegiatan kepanitiaan didalam kampus. Penulis juga merupakan mahasiswa penerima beasiswa BIDIKMISI dari pihak Pemerintah Republik Indonesia. Penulis melaksanakan tugas akhir dengan judul penelitian “**Identification of gram-positive bacteria and their effect on the histopathology of kidney organs in Suckermouth catfish (*Pterygoplichthys pardalis*) in Lake Lapompakka and Lake Sidenreng, Wajo Regency.**”.