

## Report - Real time PCR

**REPORT NO.**  
PA-8Y4625QG-RP

**PA CASE NO.**  
1018no21

**ORDERED AS**  
\*Urgent [24h]

**CASE BIOLOGIST**  
Camilla Bøe

**REPORTED ON**  
12.05.2021

### Customer

**CLIENT**  
PHARMAQ Klinisk

**SUBMITTED BY**  
Binoy Rajan  
(PHARMAQ Klinisk)

**REPORT TO**

**INVOICE TO**  
PHARMAQ Klinisk

**SUBMITTER REF.**  
47922753

### Details of Sample Materials

**SITE NAME**  
ABTG (LAB MALTA)

**SAMPLE DATE**  
27.03.2021

**RECEIVED DATE**  
11.05.2021

**SITE REF**  
00001-PH

**STOCK TYPE**

**TRANSFER DATE**  
2021-05-10

**SAMPLE NUMBER**  
1-10

**SAMPLE TYPE**  
Tissue in RNALater

**SPECIES**  
Nile Tilapia

**COMMENTS**

### Findings

PATHOGEN	METHOD IDENTITY	TISSUE	SAMPLES	APPROVED <sup>1</sup>	DETECTED	NOT DETECTED
Streptococcus iniae	Siniai-PA	Whole fish	10	10	0	10
Tilapia Lake Virus	Tilav-PA	Whole fish	10	10	0	10
Streptococcus agalactiae serotype 1a, 1b og 3	SagaALL-PA	Whole fish	10	10	0	10

<sup>1</sup>The number of approved analyses may differ from the number of samples received if one or more analyses have failed the quality control

*Camilla Marie Bøe*

Camilla Marie Bøe

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### PCR Results for Streptococcus iniae

INDIVIDUAL	BARCODE	RESULT OF ANALYSIS	CT-VALUE	RELATIVE AMOUNT OF PATHOGEN <sup>2</sup>	TISSUE	CAGE/TANK	BATCH	ID	INTERNAL COMMENT
1	FR24706796	Not detected			Whole fish			FR24706-796	
2	FR24706797	Not detected			Whole fish			FR24706-797	
3	FR24706798	Not detected			Whole fish			FR24706-798	
4	FR24706799	Not detected			Whole fish			FR24706-799	
5	FR24706800	Not detected			Whole fish			FR24706-800	
6	FR24706801	Not detected			Whole fish			FR24706-801	
7	FR24706802	Not detected			Whole fish			FR24706-802	
8	FR24706803	Not detected			Whole fish			FR24706-803	
9	FR24706804	Not detected			Whole fish			FR24706-804	
10	FR24706728	Not detected			Whole fish			FR24706-728	

<sup>2</sup> Relative amount of pathogen is based on a combination of the sensitivity test performed in the validation of the assay, and knowledge gained through the use of the assay in field situations. Relative amount of pathogen should only be used as a guidance, and is not connected to disease status. For accredited analyses it is only the result column indicating positive or negative result that is covered by the accreditation.

### PCR Results for Tilapia Lake Virus

INDIVIDUAL	BARCODE	RESULT OF ANALYSIS	CT-VALUE	RELATIVE AMOUNT OF PATHOGEN <sup>2</sup>	TISSUE	CAGE/TANK	BATCH	ID	INTERNAL COMMENT
1	FR24706796	Not detected			Whole fish			FR24706-796	
2	FR24706797	Not detected			Whole fish			FR24706-797	
3	FR24706798	Not detected			Whole fish			FR24706-798	
4	FR24706799	Not detected			Whole fish			FR24706-799	
5	FR24706800	Not detected			Whole fish			FR24706-800	
6	FR24706801	Not detected			Whole fish			FR24706-801	

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INDIVIDUAL	BARCODE	RESULT OF ANALYSIS	CT-VALUE	RELATIVE AMOUNT OF PATHOGEN <sup>2</sup>	TISSUE	CAGE/TANK	BATCH	ID	INTERNAL COMMENT
7	FR24706802	Not detected			Whole fish			FR24706-802	
8	FR24706803	Not detected			Whole fish			FR24706-803	
9	FR24706804	Not detected			Whole fish			FR24706-804	
10	FR24706728	Not detected			Whole fish			FR24706-728	

<sup>2</sup> Relative amount of pathogen is based on a combination of the sensitivity test performed in the validation of the assay, and knowledge gained through the use of the assay in field situations. Relative amount of pathogen should only be used as a guidance, and is not connected to disease status. For accredited analyses it is only the result column indicating positive or negative result that is covered by the accreditation.

### PCR Results for Streptococcus agalactiae serotype 1a, 1b og 3

INDIVIDUAL	BARCODE	RESULT OF ANALYSIS	CT-VALUE	RELATIVE AMOUNT OF PATHOGEN <sup>2</sup>	TISSUE	CAGE/TANK	BATCH	ID	INTERNAL COMMENT
1	FR24706796	Not detected			Whole fish			FR24706-796	
2	FR24706797	Not detected			Whole fish			FR24706-797	
3	FR24706798	Not detected			Whole fish			FR24706-798	
4	FR24706799	Not detected			Whole fish			FR24706-799	
5	FR24706800	Not detected			Whole fish			FR24706-800	
6	FR24706801	Not detected			Whole fish			FR24706-801	
7	FR24706802	Not detected			Whole fish			FR24706-802	
8	FR24706803	Not detected			Whole fish			FR24706-803	
9	FR24706804	Not detected			Whole fish			FR24706-804	
10	FR24706728	Not detected			Whole fish			FR24706-728	

<sup>2</sup> Relative amount of pathogen is based on a combination of the sensitivity test performed in the validation of the assay, and knowledge gained through the use of the assay in field situations. Relative amount of pathogen should only be used as a guidance, and is not connected to disease status. For accredited analyses it is only the result column indicating positive or negative result that is covered by the accreditation.

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### Additional Information

TRANSFER DATE 2021-05-10	AVERAGE WEIGHT	WATER TYPE Freshwater	WATER TEMP. 28 °C	VACCINE	DIAGNOSIS/SYMPTOMS
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### Received samples - detailed list

INDIVIDUAL	SAMPLE NO.	SAMPLE TYPE	ID	BARCODE	CAGE	BATCH	TISSUES	DEAD/ MORIBUND/ HEALTHY
1	1	Tissue in RNALater	FR24706796	FR24706796			Whole fish	clinically normal
2	2	Tissue in RNALater	FR24706797	FR24706797			Whole fish	clinically normal
3	3	Tissue in RNALater	FR24706798	FR24706798			Whole fish	clinically normal
4	4	Tissue in RNALater	FR24706799	FR24706799			Whole fish	clinically normal
5	5	Tissue in RNALater	FR24706800	FR24706800			Whole fish	clinically normal
6	6	Tissue in RNALater	FR24706801	FR24706801			Whole fish	clinically normal
7	7	Tissue in RNALater	FR24706802	FR24706802			Whole fish	clinically normal
8	8	Tissue in RNALater	FR24706803	FR24706803			Whole fish	clinically normal
9	9	Tissue in RNALater	FR24706804	FR24706804			Whole fish	clinically normal
10	10	Tissue in RNALater	FR24706728	FR24706728			Whole fish	clinically normal

### For your information

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**-END OF REPORT-**