



Company	Veterinarian
Mail	Reference
Phone	Farm code
Invoice to	Origin

Category:	Age:	Process:	Sample:
16 Trout	04 Breeders	03 Sudden death	01 Environmental sample
17 Gilthead seabream	08 Fattening (Week/month/year)	05 Health control	25 Chilled fish
18 European seabass		06 Cutaneous	06 Swabs
19 Meagre	17 Fry/juvenile	08 Digestive	23 Tissues
21 Greater amberjack	18 Pre-fattening	11 Nervous disease	24 Live fish
27 Turbot	23 Roe		
28 Sole	25 Larvae		
29 Others:			
		15 Reproductive	26 Frozen fish
		16 Respiratory	28 Culture plate
		20 Systemic disease	
		21 Unknown	

Medical history

Diagnostic Panels

- Marine summer PCR:** Photobacterium damsela subsp. damsela, Photobacterium damsela subsp. piscicida, Vibrio harveyi
- Marine winter PCR:** Photobacterium damsela subsp. damsela, Piscirickettsia salmonis, Aeromonas salmonicida subsp. salmonicida
- Marine nervous PCR:** Betanodavirus (Nervous Necrosis Virus), Vibrio harveyi
- Marine cutaneous PCR:** Aeromonas salmonicida subsp. salmonicida, Tenacibaculum maritimum
- Gilthead seabream digestive PCR:** Enteromyxum leei, Enterospora nucleophila
- Inland summer PCR:** Yersinia ruckeri, Lactococcus petauri, Lactococcus garvieae, Aeromonas salmonicida subsp. salmonicida
- Lactococcosis PCR:** Lactococcus garvieae, Lactococcus petauri
- Inland cutaneous PCR:** Aeromonas salmonicida subsp. salmonicida, Flavobacterium psychrophilum
- Inland broodstock PCR:** Carnobacterium maltaromaticum, Vagococcus salmoninarum
- Inland Kidney disease PCR:** Renibacterium salmoninarum, Tetracapsuloides bryosalmonae

Sequencing and Typing

- Lactococcus garvieae/L. petauri - Characterization (MLST)
- Sequencing Vibrio (gene groEL)

Microbiology

- Microbiology (up to 5 samples + 2 ATB)** **Microbiology:** Bacteria isolation and id., Antimicrobial susceptibility test

- Microbiology + MIC (up to 5 samples + 2MIC)** **Microbiology:** Bacteria isolation and id.; **Microbiology:** Minimum inhibitory concentration (MIC) - antibiotic profile
- Bacteria isolation and id.**
- Antimicrobial susceptibility test**
- Minimum inhibitory concentration (MIC) - antibiotic profile**
- MALDI TOF bacterial identification**

Real Time PCR

- Aeromona salmonicida subsp. achromogenes
- Aeromonas hydrophila
- Aeromonas salmonicida subsp. salmonicida
- Aeromonas veronii
- Betanodavirus (Nervous Necrosis Virus)
- Carnobacterium maltaromaticum
- Cryptocaryon irritans
- Edwardsiella piscicida
- Enteromyxum leei
- Enteromyxum scophthalmi
- Enterospora nucleophila
- Flavobacterium columnare
- Flavobacterium psychrophilum
- Gyrodactylus sp.
- Ichthyobodo sp. (Costia)
- Ichthyophthirius multifiliis
- IHNV
- IPNV (Infectious Pancreatic Necrosis Virus)
- Lactococcus garvieae
- Lactococcus petauri
- LCDV (Lymphocystis disease virus)
- MLO (Strawberry disease / Red mark syndrome)

*Note: analysis performed in an external laboratory.



- Mycobacterium marinum complex**
- Photobacterium damselaе subsp. damselaе** PCR: P. damselaе damselaе (chromosomal), P. damselaе damselaе (plasmid)
- Photobacterium damselaе subsp. piscicida** PCR: P. damselaе piscicida (chromosomal), P. damselaе piscicida (plasmid)
- Piscirickettsia salmonis**
- Pseudomonas aeruginosa**
- Pseudomonas anguilliseptica**
- Renibacterium salmoninarum**
- Saprolegnia parasitica**
- Streptococcus iniae**
- Streptococcus parauberis**
- Tenacibaculum dicentrarchi**
- Tenacibaculum discolor**
- Tenacibaculum maritimum**
- Tenacibaculum soleae**
- Tenacibaculum sp.**
- Tetracapsuloides bryosalmonae**
- Vagococcus salmoninarum**
- VHSV**
- Vibrio (Listonella) anguillarum**
- Vibrio alginolyticus**
- Vibrio harveyi**
- Vibrio parahaemolyticus**
- Vibrio vulnificus**
- Yersinia ruckeri**

Toxicology

- Antibiotics***
- Quantification of antibiotics***
- Toxicant-specific quantification (price on request)***
- Determination of a toxic (qualitative)***
- Heavy metals 1 metal***
- Heavy metals 2 metals***
- Heavy metals 3 metals***
- Heavy metals 4 metals***
- Heavy metals 5 metals***
- Mycotoxins Feed AOF***
- Mycotoxins Feed AOF/DZT***
- Mycotoxins Feed DZT***
- Nitrosamines***
- Pyrethrins (Insecticides)***
- Pesticide screening***
- Toxic screening***

*Note: analysis performed in an external laboratory.