

Aquatics Health Monitoring

At Surrey Diagnostics we offer:

- Bespoke panels available upon request
- Individual agents also available
- Personalised service and advice from experienced scientists
- Real-Time PCR & culture method available
- Routine validation checks
- Variety of sample types accepted
- Premium fast track service available upon request



Surrey Diagnostics

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		Basic	Standard	Expanded	
Zebrafish					
Viruses	Sample type				Method
Zebrafish Picornavirus (ZfPV-1)	WA/BIO/E/Fe		X	X	PCR
Infectious Spleen and Kidney Necrosis Virus (ISKNV)	WA/BIO/E/Fe			X	PCR
Infectious Pancreatic Necrosis Virus (IPNV)	WA/BIO/E/Fe			X	PCR
Parasites					
Ichthyophthirius multifiliis	WA/BIO/E/Fe		X	X	PCR
Myxidium streisingeri	WA/BIO/E/Fe		X	X	PCR
Piscinoodinium spp.	WA/BIO/E/Fe		X	X	PCR
Pleistophora hypohessobryconis	WA/BIO/E/Fe		X	X	PCR
Pseudocapillaria tomentosa	WA/BIO/E/Fe		X	X	PCR
Pseudoloma neurophilia	WA/BIO/E/Fe	X	X	X	PCR
Bacteria & Fungi					
Edwardsiella ictaluri	WA/BIO/E/Fe		X	X	PCR
Flavobacterium columnare	WA/BIO/E/Fe		X	X	PCR
Mycobacteria spp.	WA/BIO/E/Fe	X	X	X	PCR
Mycobacterium marinum	WA/BIO/E/Fe		X	X	PCR
Mycobacterium abscessus	WA/BIO/E/Fe		X	X	PCR
Mycobacterium chelonae	WA/BIO/E/Fe		X	X	PCR
Mycobacterium fortuitum	WA/BIO/E/Fe		X	X	PCR
Mycobacterium haemophilum	WA/BIO/E/Fe		X	X	PCR
Mycobacterium gordonae	WA/BIO/E/Fe		X	X	PCR
Mycobacterium peregrinum	WA/BIO/E/Fe		X	X	PCR
BIO = Biofilm E = Environmental Sample (tank sludge/swab of sludge) F = Faeces Fe=Feed Ft = Filter GS = Gill swab SS = Skin Swab T = Tissue Sample W = Water Sample WA = Whole animal		Cult = Culture Micro = Microscopy PCR = Polymerase Chain Reaction * = on request Histology is available for all species upon request			

		Standard	Expanded	
Xenopus				
Viruses	Sample type			Method
Ranavirus spp.	F/T	X	X	PCR
Parasites				
Pseudocapillarioides xenopi	SS	X	X	PCR
Cryptosporidium spp.	F	X	X	PCR
Bacteria & Fungi				
Aeromonas dhakensis *	W/E/F			Cult
Aeromonas hydrophilia *	W/E/F			Cult
Batrachochytrium dendrobatidis	SS	X	X	PCR
Elisabethkingia meningoseptica *	W/E/F			Cult
Mycobacterium chelonae	E/T	X	X	PCR
Mycobacterium gordonae	E/T	X	X	PCR
Mycobacterium marinum	E/T	X	X	PCR
Mycobacterium ulcerans/liflandii	E/T	X	X	PCR
Pseudomonas aeruginosa	F/E		X	PCR/Cult
Salmonella enterica *	F/E			Cult
Salmonella spp.	F/E		X	PCR/Cult
Saprolegnia spp. *	E			Micro

		Drinking Water	Xenopus Water	Zebrafish Water	
Water					
Quantitative testing	Sample type				Method
Total vital count (TVC)	W	X	X	X	Cult
Bacteria & Fungi					
Coliforms	W	X	X	X	Cult
Pseudomonas aeruginosa	W	X	X	X	Cult
Aeromonas hydrophilia	W		X	X	Cult
BIO = Biofilm E = Environmental Sample (tank sludge/swab of sludge) F = Faeces Fe=Feed Ft = Filter GS = Gill swab SS = Skin Swab T = Tissue Sample W = Water Sample WA = Whole animal		Cult = Culture Micro = Microscopy PCR = Polymerase Chain Reaction * = on request Histology is available for all species upon request			