

ZEBRAFISH HEALTH SURVEILLANCE

Charles River offers zebrafish health surveillance for the research community.

Service	Test Name	Includes	Sampling Unit
Multiple Services	HM Plus	Necropsy, histopathology workup, aerobic culture, PCR for common infectious agents	Per 65 fish in a single submission
Bacteriology	Renal Culture	Culture from zebrafish kidney; includes isolation and identification	Per fish
Histopathology	Processing (with H&E Stain)	Trim, embed, create slides, and H&E staining	Per fish
	Special Staining	Multiple special stains available upon request	Per fish
	Pathologist Interpretation	Pathologist interpretation of stained slides	Per fish
Infectious Disease PCR	<i>Mycobacterium</i> Panel	<i>Mycobacterium abscessus</i> , <i>M. chelonae</i> , <i>M. fortuitum</i> , <i>M. haemophilum</i> , <i>M. marinum</i> , <i>M. peregrinum</i>	Per pool of up to 5 fish
	Modified Basic Panel	<i>Mycobacterium</i> Panel, <i>Aeromonas hydrophila</i> , <i>Pseudocapillaria tomentosa</i> , <i>Pseudoloma neurophilia</i>	Per pool of up to 5 fish
	Modified Surveillance Plus Panel	Modified Basic Panel, <i>Edwardsiella ictaluri</i> , <i>Flavobacterium columnare</i> , <i>Ichthyophthirius multifiliis</i> , <i>Piscinoodinium pillulare</i> , <i>Pleistophora hyphessobryconis</i> , <i>Saprolegnia brachydanis</i>	Per pool of up to 5 fish
	Custom Panel	Visit LTM™ to select from list of zebrafish pathogen assays	Per pool of up to 5 fish
	Single Agent Test	Visit LTM™ to select from list of zebrafish pathogen assays	Per pool of up to 5 fish