

Health monitoring of *Xenopus* colonies can be conducted through a combination of PCR and microbiology. We provide different health monitoring programs for quarterly or yearly monitoring according FELASA recommendations and more. Also, any kind of custom monitoring is possible.

Different sample types can be used for the different diagnostic procedures:

T - Whole frog or tissue
F - Feces
W - Water sample
TS - Tissue swab
BS - Biofilm swab
MS - Microbiology swab (medium swab)

PCR	Sample type	Mycobacteria	Basic	Full
MYCOBACTERIA				
<i>Mycobacterium ulcerans/liflandii</i>	T,TS,F,W,BS	✓	✓	✓
<i>Mycobacterium chelonae</i>	T,TS,F,W,BS	✓	✓	✓
<i>Mycobacterium haemophilum</i>	T,TS,F,W,BS	✓	✓	✓
<i>Mycobacterium gordonae</i>	T,TS,F,W,BS	✓	✓	✓
<i>Mycobacterium marinum</i>	T,TS,F,W,BS	✓	✓	✓
<i>Mycobacterium</i> spp.	T,TS,F,W,BS	✓	✓	✓
OTHER BACTERIA / FUNGI				
<i>Aeromonas hydrophila</i>	T,TS,F,W,BS			✓
<i>Aeromonas dhakensis</i>	T,TS,F,W,BS			✓
<i>Chlamydia</i> spp.	T,TS,F,W,BS			✓
<i>Salmonella</i> spp.	T,TS,F,W,BS			✓
<i>Pseudomonas aeruginosa</i>	T,TS,F,W,BS			✓
<i>Elizabethkingia meningoseptica</i>	T,TS,F,W,BS			
<i>Salmonella enterica</i>	T,TS,F,W,BS			
<i>Saprolegnia</i> spp.	T,TS,F,W,BS			
VIRUSES				
<i>Ranavirus</i> spp.	T,TS,F,W,BS		✓	✓
PARASITS				
<i>Batrachochytrium dendrobatidis</i>	T,TS,F,W,BS		✓	✓
<i>Pseudocapillarioides xenopi</i>	T,TS,F,W,BS		✓	✓
<i>Cryptosporidium</i> spp.	T,TS,F,W,BS			✓

Other monitoring profiles on request

Culture / MALDI-TOF	Sample type	Microbiology
<i>Aeromonas dhakensis</i>	MS	✓
<i>Aeromonas hydrophila</i>	MS	✓
<i>Elizabethkingia meningoseptica</i>	MS	✓
<i>Pseudomonas aeruginosa</i>	MS	✓
<i>Salmonella enterica</i>	MS	✓
<i>Saprolegnia</i> spp.	MS	✓

Pathology

Methods & prices upon request