

Health monitoring of guinea pig colonies can be conducted through a combination of pathology, serology, microbiology, parasitology and PCR. In quarantine situations, PCR panels can be paired with serological tests to provide deeper insights into previous, inactive infections when importing animals.

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:

S - Serum	DS - Dry swab
BS - Blot spot	MS - Microbiology swab (medium swab)
T - Tissue	DSS - Deep skin scrape
F - Feces	FS - Fur swab

VIRUSES

Serology: IFA	Sample type	Virology S	Virology L	Virology XL	Virology XXL
GpSEN	S, BS	✓	✓	✓	✓
GpAD-(FL/K87)	S, BS	✓	✓	✓	✓
Parainfluenzavirus-3	S, BS	✓	✓	✓	✓
GpCMV	S, BS		✓	✓	✓
GpPVM	S, BS			✓	✓
GpLCMV	S, BS				✓
GpREO-3	S, BS				✓

BACTERIA / FUNGI

Culture / MALDI-TOF	Method	Microbiology S	Microbiology L	Microbiology XL	Microbiology XXL
Microbiology (MB)	T, MS	✓	✓	✓	✓
Bordetella bronchiseptica	T, MS	✓	✓	✓	✓
Corynebacterium kutscheri	T, MS	✓	✓	✓	✓
Pasteurellaceae	T, MS	✓	✓	✓	✓
Pseudomonas aeruginosa	T, MS	✓	✓	✓	✓
Staphylococcus aureus	T, MS	✓	✓	✓	✓
Streptococcus pneumoniae	T, MS	✓	✓	✓	✓
Streptococci, β-häm. (A,B,C,G)	T, MS	✓	✓	✓	✓
Salmonella spp.	T, MS	✓	✓	✓	✓
Yersinia pseudotuberculosis	T, MS	✓	✓	✓	✓

Culture / MALDI-TOF	Sample type	Microbiology S	Microbiology L	MicrobiologyXL	Microbiology XXL
swab, aerobic	MS				
swab, anaerobic	MS				
Mycology	MS				

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ELISA	Sample type	Microbiology S	Microbiology L	MicrobiologyXL	Microbiology XXL
Clostridium piliforme	S, BS		✓	✓	✓
Mycoplasma pulmonis	S, BS				✓
CARB	S, BS				✓

PCR	Sample type	Microbiology S	Microbiology L	MicrobiologyXL	Microbiology XXL
Streptobacillus moniliformis	F, DS		✓	✓	✓
Chlamydomphila spp.	F, DS				✓
Clostridium piliforme	F, DS				
Corynebacterium bovis	F, DS				
Corynebacterium kutscheri	F, DS				
Helicobacter spp.					
Helicobacter bilis	F, DS				
Helicobacter hepaticus					
Helicobacter typhlonius					
Mycoplasma pulmonis	DS				
Rodentibacter heylii	F, DS				
Rodentibacter pneumotropicus	F, DS				
Staphylococcus aureus	F, DS				
Salmonella spp.	F, DS				
Streptococcus agalactiae (B)	DS				
Streptococcus canis (G)	DS				
Streptococcus equi (C)	DS				
Streptococcus pyogenes (A)	DS				
Streptococcus pneumoniae	F, DS				
Bordetella bronchiseptica	DS				
Filobacterium rodentium (CARB)	DS				

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PARASITES

Microscopy, Flotation	Sample type	Parasitology S	Parasitology L	Parasitology XL	Parasitology XXL
Endoparasites (ENP)					
Helminthen	F	✓	✓	✓	✓
Protozoa	F	✓	✓	✓	✓
Ectoparasites	FS	✓	✓	✓	✓
Scabies mites	DSS		✓	✓	✓

ELISA	Sample type	Parasitology S	Parasitology L	Parasitology XL	Parasitology XXL
Cryptosporidium spp.	F				
Encephalitozoon cuniculi	S, BS				
Giardia spp.	F				

Diagnostic service	Method	Pathology	Pathology	Pathology	Pathology
Postmortem examination	Necropsy	✓	✓	✓	✓
Histological exam. (per organ)	Microscopy				