

# VetLab Info (1)



**LOHMANN  
TIERZUCHT**

## Samples for laboratory testing against avian pathogens

### 1. Serology

	Paper strips	Serum*
ELISA	✓	✓
Agglutination		✓
HI		✓
AGP		✓
SN		✓

\* minimum 0,5 ml; for use of paper strips see **VetLab Info 2**

### 2. Bacteriology

	Heart	Liver	Spleen	Caecum	Ovaries	Joints
Standard	✓	✓	✓			✓
Salmonella				✓	✓	

Testing for other bacterial pathogens may require other sample material. Do not freeze samples.

### 3. Virus isolation<sup>1)</sup>, Histopathology<sup>2)</sup>, Molecular Biology<sup>3)</sup>

	Respiratory Diseases	Reo	IBD	CAV	Mycoplasma	Tumours (MD, LL, REV)	Pox	ILT
var. Organs, tumours						✓✓		
nerves, proventriculus						✓✓		
Bursa			✓					
Caecal tonsils	✓ + PCR							
Joints		✓			PCR			
Bone marrow				✓ + PCR				
Liver		✓		✓ + PCR		✓✓		
Spleen						✓✓ + PCR		
Kidneys	✓					✓✓		
Trachea	✓ + PCR				PCR		PCR	✓✓ + PCR
Lungs	✓							
Pancreas		✓						
Feather Follicles						PCR		
Skin lesions							✓✓	

<sup>1)</sup> ✓ indicates organs; to be transported frozen (-20°C); <sup>2)</sup> ✓✓ indicates organs; to be transported in 10% Formaline,<sup>3)</sup> PCR, no special transport requirements, swab as sampling material.