

# Product Catalogue

**BioChek ELISA  
and qPCR test kits  
for Swine and Poultry**



**BioChek**

BIOCHEK, SMART VETERINARY DIAGNOSTICS

# Introduction BioChek

Monitoring the health status of animals is essential in order to improve the health, productivity, and welfare of livestock.

BioChek is a veterinary diagnostic company that provides its customers with an accurate, reliable and easy-to-use animal health monitoring system for the Poultry and Swine industries. This system consists of a broad range of ELISA and qPCR test kits, the BioChek ELISA Assay Robot (B.E.A.R.), and the BioChek Monitoring Software. The ELISA and qPCR test kits provide information about the health status of swine herds and poultry flocks, which allows producers to take corrective action when the assay(s) indicate(s) a health problem. The B.E.A.R. is used in combination with the comprehensive, user friendly BioChek Monitoring Software package for easy data management and with mobile applications, for 24/7 access to completed results.

BioChek was founded in 1997 and operates in most countries with a manufacturing facility in the UK, a USDA licensed facility in the US and the commercial head office in the Netherlands.

BioChek has a strong reputation in service. Our technical support ensures ease of use for veterinary laboratories and accurate test results for end users. This catalogue offers a complete overview of BioChek products. For questions concerning these products or requests for more detailed product information such as detail aids, interpretation guides, or marketing materials, please contact your BioChek representative or BioChek headquarters.

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# Product Catalogue Swine

## ELISA tests - SWINE

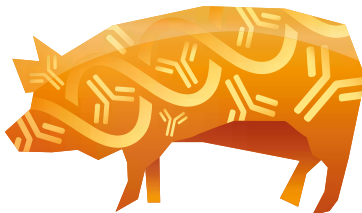
The BioChek ELISA tests are specific for detecting antibodies or antigens to various diseases common in pigs. Each kit comes with 2 or 5 test plates, conjugate, diluent, substrate, wash buffer and positive and negative controls. The results are given in OD values allowing a quantitative interpretation of results.

InfA Multi	Product Code: CK401	Tests/kit: 480 tests (5 plates)
<b>Multispecies Influenza Type A Antibody test kit, solid plate format</b> The Multispecies Influenza Type A Antibody test kit will determine the presence of antibodies to Influenza Type A in the serum of any animal, including pigs. Serum dilution is 1:50. Test incubation is 60-30 minutes. Test reads at 405 nm wavelength.		

CSFV-E2	Product Code: SK106	Tests/kit: 480 tests (5 strip plates)
	Product Code: SK106-2	Tests/kit: 192 tests (2 plates)
<b>Classical Swine Fever Virus Antibody test kit, strip plate format</b> The Classical Swine Fever Virus Antibody test kit will measure the amount of antibodies to protein E2 of the Classical Swine Fever Virus (Pesti Virus) in the serum of pigs. Serum is diluted at 1:30. Short Test incubation is 60-30-15 minutes. A longer overnight incubation of diluted samples may be used for increased specificity. Test reads at 405 nm wavelength.		

Hps	Product Code: SK104	Tests/kit: 192 tests (2 plates)
<b>Haemophilus parasuis Antibody test kit, strip plate format</b> The Haemophilus parasuis Antibody test kit will measure the amount of antibodies to OppA in the serum of pigs. OppA antibodies are present in herds vaccinated or clinically infected with <i>Haemophilus parasuis</i> . Serum is diluted at 1:200. Test incubation is 60-60-15 minutes. Test reads at 405 nm wavelength.		

Mhyo	Product Code: SK108	Tests/kit: 480 tests (5 plates)
	Product Code: SK108-2	Tests/kit: 192 tests (2 plates)
<b>Mycoplasma hyopneumoniae Antibody test kit, strip plate format</b> The Mycoplasma hyopneumoniae Antibody test kit will measure the amount of antibodies to <i>Mycoplasma hyopneumoniae</i> present in the serum of pigs. Serum is diluted at 1:50. Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.		



ELISA tests - SWINE

PCV2	Product Code: SK105	Tests/kit: 480 tests (5 plates)
	Product Code: SK105-2	Tests/kit: 192 tests (2 plates)
<p><b>Porcine Circovirus type 2 Antibody test kit, strip plate format</b></p> <p>The Porcine Circovirus type 2 Antibody test kit will measure the amount of antibodies to PCV2 present in the serum of pigs. Serum is diluted at 1:50. Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.</p>		
PRRS	Product Code: SK103	Tests/kit: 480 tests (5 plates)
	Product Code: SK103-2	Tests/kit: 192 tests (2 plates)
<p><b>Porcine Respiratory and Reproductive Syndrome Virus Antibody test kit, strip plate format</b></p> <p>The Porcine Respiratory and Reproductive Syndrome Virus Antibody test kit detects antibodies to US, high pathogenic Asian and European PRRS Virus strains. Serum samples are diluted at 1:50. Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.</p>		
PRVg1	Product Code: SK102	Tests/kit: 480 tests (5 plates)
	Product Code: SK102-2	Tests/kit: 192 tests (2 plates)
<p><b>Aujeszky g1 Antibody test kit, strip plate format</b></p> <p>The Aujeszky g1 test kit is a qualitative Blocking ELISA for the detection of antibodies to glycoprotein 1 (g1) of Aujeszky's disease Virus (Pseudorabies Virus (PRV)) in the serum of pigs. The Aujeszky g1 ELISA makes it possible to differentiate between infected pigs and vaccinated pigs, provided a DIVA vaccine is used. Consequently, the use of the PRVg1 test in conjunction with "g1-negative" vaccines can provide the basis for combined vaccination-eradication programmes for PRV. Apart from this application to distinguish infected from vaccinated pigs, the PRVg1 test may also be used to detect infected animals in a non-vaccinated pig herd. Serum samples (50 µl) are added undiluted to the micro titer wells. Test incubation after the addition of 50 µl conjugate is 120-30 minutes. Test reads at 405 nm wavelength.</p>		

ELISA tests - SWINE

PRVgB	Product Code: SK109	Tests/kit: 480 tests (5 plates)
	Product Code: SK109-2	Tests/kit: 192 tests (2 plates)
<p><b>Aujeszky gB Antibody test kit, strip plate format</b></p> <p>The Aujeszky gB (Pseudorabies Virus) Antibody test kit will measure the amount of antibodies to Pseudorabies Virus gB in the serum of pigs. The Aujeszky gB test kit detects antibodies in both infected and vaccinated pigs. The test is generally used to confirm the negative PRV status of a herd (to confirm freedom from disease). Serum is diluted at 1:50. Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.</p>		
Salmonella Group B,C1 and D Combined	Product Code: SK101	Tests/kit: 480 tests (5 plates)
<p><b>Porcine Salmonella Group B, C1 and D Combined Antibody test kit, strip plate format</b></p> <p>The Porcine Salmonella Antibody test kit (B, C1 and D Combined) will measure the amount of antibodies to invasive group B, C1 and D Salmonella species in the serum or meat juice of pigs. The test has been optimised for use in Salmonella monitoring programmes. Serum is diluted at 1:20, while meat juice is diluted at 1:2. Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.</p>		



# ELISA reference controls & accessories - SWINE

Swine Pre-diluted Reference Control	Product Code: SR700	5 ml / vial
<p>The Swine Pre-diluted Reference Control SR700 is a positive control with known titers for PRRS, Hps, PCV2, Mhyo, InfA Multi, CSFV, PRVgB, PRVg1 and Salmonella. By using this reference control, all steps of the analysis are checked, except for the dilution step.</p>		

BioChek Partial Plate kit set	Product Code: BC PP
<p>The Partial Plate kit set contains all the necessary instructions and materials (plate sealers, sealable storage pouches, desiccant pouches) for running and storing partial test plates. The correct use of the BC PP kit set prevents the decay of coated antigen plates, extending the storage life of partially used test plates to 2-6 weeks after first use.</p>	

# qPCR tests - SWINE

The BioChek quantitative Polymerase Chain Reaction (qPCR) test kits will detect the presence of target specific DNA/ RNA. Every qPCR test kit uses the same thermo/cycler protocol, thus enabling the technician to perform qPCR reactions for different targets at the same time on one thermocycler. All BioChek qPCR kits are validated for use with a variety of thermocyclers (ABI 7500 series, BioRad CFX96 and Stratogene Mx3005p) and a total NA extraction kit, sold separately. Results are given in Cq values, allowing differentiation between low, medium and high loads of antigen. All necessary controls are included (Negative Control, Positive Control and Internal Control).

PCV2 qPCR	Product Code: SP101	Tests/kit: 100 tests
<p><b>Porcine Circovirus type 2 qPCR test kit</b></p> <p>The Porcine Circovirus type 2 qPCR test kit is a complete set of reagents which allows for the detection of Porcine Circovirus type 2. The test will determine the presence and load of antigen in the serum or oral fluid of pigs. Test duration after DNA extraction is approximately 90 minutes. Test reads at FAM and CY5 (Quasar 670) channels. For quantification of results, PCV2 qPCR standards are available.</p>		

Myco qPCR	Product Code: SP102	Tests/kit: 100 tests
<p><b>Swine Mycoplasma Multiplex qPCR test kit</b></p> <p>The Swine Mycoplasma Multiplex qPCR test kit is a complete set of reagents, which allows for the simultaneous detection of <i>Mycoplasma hyopneumoniae</i> and/or <i>Mycoplasma hyorhinitis</i> and/or <i>Mycoplasma hyosynoviae</i>. The test will determine the presence and load of antigen in a variety of samples of pigs. Test duration after DNA extraction is approximately 90 minutes. Test reads at FAM, HEX (VIC), Texas Red and CY5 (Quasar 670) channels. For quantification of results, Myco qPCR standards are available.</p>		

qPCR tests - SWINE

InfA Multi qPCR	Product Code: MP101	Tests/kit: 100 tests
<p><b>Multispecies Influenza A qPCR test kit</b></p> <p>The Multispecies Influenza A qPCR test kit is a complete set of reagents which allows for the detection of Influenza A. The test will determine the presence and load of antigen in tissues, swabs or (oral) fluids of any type of animal. Test duration after RNA extraction is approximately 100 minutes. Test reads at Fam and CY5 (Quasar 670) channels. For quantification of results, qPCR standards InfA are available.</p>		

Salm Multi qPCR	Product Code: MP102	Tests/kit: 100 tests
<p><b>Multispecies Salmonella Multiplex qPCR test kit</b></p> <p>The Multispecies Salmonella Multiplex qPCR test kit is a complete set of reagents which allows for the simultaneous detection of <i>Salmonella spp</i>, <i>Salmonella enteritidis</i> and <i>Salmonella typhimurium</i>. The test will determine the presence and load of antigen in faecal samples, meat samples or dust samples. Test duration after DNA extraction is approximately 90 minutes. Test reads at Fam ,CY5 (Quasar 670), HEX and Texas Red channels. For quantification of results, qPCR standards Salm are available.</p>		

qPCR standards & accessories - SWINE

qPCR standards PCV2	Product Code: SP201	4 vials (12 reactions per vial)
<p>A set of qPCR standards can be ordered separately for the Porcine Circovirus type 2 qPCR test kit. The standards are ready for use and do not need to be extracted. These standards can be used to check the performance of the qPCR and to quantify results.</p>		

qPCR standards Myco	Product Code: SP202	12 vials (12 reactions per vial)
<p>A set of qPCR standards can be ordered separately for the Swine Mycoplasma Multiplex qPCR test kit. The standards are ready for use and do not need to be extracted. These standards can be used to check performance of the qPCR and to quantify results.</p>		



## qPCR standards & accessories - **SWINE**

qPCR standards InfA	Product Code: MP201	4 vials (12 reactions per vial)
A set of qPCR standards can be ordered seperately for the Multispecies Influenza A qPCR test kit. The standards are ready for use and do not need to be extracted. These standards can be used to check the performance of the qPCR and to quantify results.		
qPCR standards Salm	Product Code: MP202	12 vials (12 reactions per vial)
A set of qPCR standards can be ordered seperately for the Multispecies Salmonella Multiplex qPCR test kit. The standards are ready for use and do not need to be extracted. These standards can be used to check the performance of the qPCR and to quantify results.		
Nucleic Acid Extraction Kit	Product Code: BP801	Tests/kit: 100 extractions
The Nucleic Acid Extraction Kit is a complete set of chemical reagents which allows for the extraction and purification of Nucleic Acid from a variety of samples (serum, swabs, oral fluids, tissue etc.).The amount of eluted Nucleic Acid after the process is 50 µl. The Total Nucleic Acid Extraction kit can be used with all BioChek qPCR kits and can be stored at room temperature. In order to use the kit, 96% ethanol must be bought separately.		


# Product Catalogue Poultry

## ELISA tests - POULTRY

The BioChek ELISA tests are specific for detecting antibodies or antigens to various diseases common in chickens and turkeys. Each kit comes with 5 test plates, conjugate, diluent, substrate, wash buffer and positive and negative controls. The results are given in OD values allowing quantitative interpretation of results.

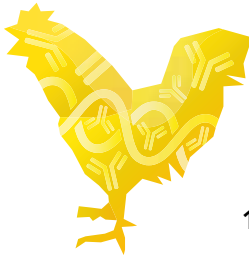
AE   <b>USDA LICENSED</b>	Product Code: CK123	Tests/kit: 480 tests (5 plates)
<b>Avian Encephalomyelitis Virus Antibody test kit, solid plate format</b> The Avian Encephalomyelitis Antibody test kit is a complete set of reagents which allows for the detection of antibodies to the Avian Encephalomyelitis Virus. The test will determine the presence of antibodies in the serum of chickens. <b>Serum dilution is 1:500. Test incubation is 30-30-15 minutes.</b> <b>Test reads at 405 nm wavelength.</b>		

AI   <b>USDA LICENSED</b>	Product Code: CK121	Tests/kit: 480 tests (5 plates)
<b>Avian Influenza Antibody test kit, solid plate format</b> The Avian Influenza Antibody test kit is a complete set of reagents which allows for the detection of antibodies to Avian Influenza Virus type A. The test will determine the presence of antibodies in the serum of chickens. <b>Serum dilution is 1:500. Test incubation is 30-30-15 minutes.</b> <b>Test reads at 405 nm wavelength.</b>		



InfA Multi	Product Code: CK401	Tests/kit: 480 tests (5 plates)
<b>Multispecies Influenza Type A Antibody test kit, solid plate format</b> The Multispecies Influenza Type A Antibody test kit multispecies will determine the presence of antibodies in the serum of any animal to Influenza Virus Type A. <b>Serum dilution is 1:50. Test incubation is 60-30 minutes.</b> <b>Test reads at 405 nm wavelength.</b>		

AI (ag)	Product Code: CK301	Tests/kit: 192 tests (2 plates)
<b>Avian Influenza Antigen test kit, solid plate format</b> The Avian Influenza Antigen detection test kit will measure the presence of nucleoprotein from Type A Avian Influenza via Tracheal or Cloacal swab samples. <b>Swabs are diluted in 1 ml PBS.</b> <b>Test incubation is 60-60-30 minutes. Test reads at 405 nm wavelength.</b>		





## ELISA tests - POULTRY

ALV p27 (ag)	Product Code: CK422B	Tests/kit: 480 tests (5 plates)
<b>Avian Leukosis Virus p27 Antigen test kit, solid plate format</b> <p>The Avian Leukosis Virus p27 Antigen test kit is a complete set of reagents which allows for the detection of p27 antigen of the Avian Leukosis Virus in chickens. The test will determine the presence of ALV p27 antigen. Meconium or cloacal swab samples are diluted in 1 ml PBS. <b>Albumen samples are added undiluted to the micro titer wells.</b> Test incubation is 60-60-30 minutes. Test reads at 405 nm wavelength.</p>		

ART	Product Code: CK120	Tests/kit: 480 tests (5 plates)
<b>Avian Rhinotracheitis Antibody test kit, solid plate format</b> <p>The Avian Rhinotracheitis Antibody test kit is a complete set of reagents which allows for the detection of antibodies to the Avian Pneumovirus. The test will determine the presence of antibodies in the serum of chickens and turkeys. <b>Serum dilution is 1:500.</b> Test incubation is 60-60-30 minutes. <b>Test reads at 405 nm wavelength.</b></p>		

BLS	Product Code: CK131	Tests/kit: 480 tests (5 plates)
<b>Big Liver and Spleen Disease Antibody test kit, solid plate format</b> <p>The Big Liver and Spleen Disease Antibody test kit is a complete set of reagents which allows for the detection of antibodies to the BLS Virus Avian Hepatitis E Virus. The test will determine the presence of antibodies in the serum of chickens. <b>Serum dilution is 1:500.</b> Test incubation is 30-30-15 minutes. <b>Test reads at 405 nm wavelength.</b></p>		

CAstV Group B	Product Code: CK133	Tests/kit: 480 tests (5 plates)
<b>Chicken Astrovirus Group B Antibody test kit, solid plate format</b> <p>The Chicken Astrovirus Group B Antibody test kit is a complete set of reagents which allows for the detection of antibodies to the Chicken Astrovirus Group B. The test will determine the presence of antibodies in the serum of chickens. <b>Serum dilution is 1:100.</b> Test incubation is 30-30-15 minutes. <b>Test reads at 405 nm wavelength</b></p>		

CAV   <b>USDA LICENSED</b>	Product Code: CK126	Tests/kit: 480 tests (5 plates)
<b>Chicken Anemia Virus Antibody test kit, solid plate format</b> <p>The Chicken Anemia Virus Antibody test kit is a complete set of reagents which allows for the detection of antibodies to the Chicken Anemia Virus. The test will determine the presence of antibodies in the serum of chickens. <b>Serum dilution is 1:500.</b> Test incubation is 60-60-30 minutes. <b>Test reads at 405 nm wavelength.</b></p>		



## ELISA tests - POULTRY

EDS	Product Code: CK112	Tests/kit: 480 tests (5 plates)
<b>Egg Drop Syndrome Virus Antibody test kit, solid plate format</b> <p>The Egg Drop Syndrome Virus Antibody test kit is a complete set of reagents which allows for the detection of EDS antibodies to the Egg Drop Syndrome Virus (Adenovirus A). The test will determine the presence of antibodies in the serum of chickens. <b>Serum dilution is 1:500.</b> Test incubation is 30-30-15 minutes. <b>Test reads at 405 nm wavelength.</b></p>		

FAdV	Product Code: CK132	Tests/kit: 480 tests (5 plates)
<b>Fowl Adenovirus Group 1 Antibody test kit, solid plate format</b> <p>The Fowl Adenovirus Group 1 Antibody test kit is a complete set of reagents which allows for the detection of antibodies to group 1 of the Fowl Adenovirus. The test will determine the presence of FAdV Group 1 antibodies in the serum of chickens. <b>Serum dilution is 1:100.</b> Test incubation is 30-30-15 minutes. <b>Test reads at 405 nm wavelength.</b></p>		

IBD   <b>USDA LICENSED</b>	Product Code: CK113	Tests/kit: 480 Tests (5 plates)
<b>Infectious Bursal Disease Virus Antibody test kit, solid plate format</b> <p>The Infectious Bursal Disease Virus Antibody test kit is a complete set of reagents which allows for the detection of antibodies to the Infectious Bursal Disease Virus. The test will determine the presence of antibodies in the serum of chickens. <b>Serum dilution is 1:500.</b> Test incubation is 30-30-15 minutes. <b>Test reads at 405 nm wavelength.</b></p>		

IBV   <b>USDA LICENSED</b>	Product Code: CK119	Tests/kit: 480 tests (5 plates)
<b>Infectious Bronchitis Virus Antibody test kit, solid plate format</b> <p>The Infectious Bronchitis Virus Antibody test kit is a complete set of reagents which allows for the detection of antibodies to the Infectious Bronchitis Virus. The test will determine the presence of antibodies in the serum of chickens. <b>Serum dilution is 1:500.</b> Test incubation is 30-30-15 minutes. <b>Test reads at 405 nm wavelength.</b></p>		



ELISA tests - POULTRY

ILT | **USDA LICENSED**

Product Code: CK124

Tests/kit: 480 tests (5 plates)

**Infectious Laryngotracheitis Antibody test kit, solid plate format**

The Infectious Laryngotracheitis Antibody test kit is a complete set of reagents which allows for the detection of antibodies to the Gallid herpesvirus 1. The test will determine the presence of antibodies in the serum of chickens. Serum dilution is 1:500. Test incubation is 60-60-30 minutes.

Test reads at 405 nm wavelength.

Mg | **USDA LICENSED**

Product Code: CK114

Tests/kit: 480 tests (5 plates)

**Mycoplasma gallisepticum Antibody test kit, solid plate format**

The Mycoplasma gallisepticum Antibody test kit is a complete set of reagents which allows for the detection of antibodies to *Mycoplasma gallisepticum*. The test will determine the presence of antibodies in the serum of chickens. Serum dilution is 1:500. Test incubation is 30-30-15 minutes. Tests read at 405 nm wavelength.

Ms | **USDA LICENSED**

Product Code: CK115

Tests/kit: 480 tests (5 plates)

**Mycoplasma synoviae Antibody test kit, solid plate format**

The Mycoplasma synoviae Antibody test kit is a complete set of reagents which allows for the detection of antibodies to *Mycoplasma synoviae*. The test will determine the presence of antibodies in the serum of chickens.

Serum dilution is 1:500. Test incubation is 30-30-15 minutes. Test read at 405 nm wavelength.

Mg/Ms | **USDA LICENSED**

Product Code: CK215

Tests/kit: 480 tests (5 plates)

**Mycoplasma gallisepticum - synoviae Combined Antibody test kit, solid plate format**

The Mycoplasma gallisepticum -synoviae Combined Antibody test kit is a complete set of reagents which allows for the detection of antibodies to *Mycoplasma gallisepticum* and *Mycoplasma synoviae*. The test will determine the presence of antibodies in the serum of chickens. Serum dilution is 1:500. Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.

Mm

Product Code: CK109

Tests/kit: 480 tests (5 plates)

**Mycoplasma meleagridis Antibody test kit, solid plate format**

The Mycoplasma meleagridis Antibody test kit is a complete set of reagents which allows for the detection of antibodies to *Mycoplasma meleagridis*. The test will determine the presence of antibodies in the serum of turkeys.

Serum dilution is 1:100. Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.

ELISA tests - POULTRY

NDV | **USDA LICENSED**


Product Code: CK116

Tests/kit: 480 tests (5 plates)

**Newcastle Disease Virus Antibody test kit, solid plate format**

The Newcastle Disease Virus Antibody test kit is a complete set of reagents which allows for the detection of antibodies to the Newcastle Disease Virus (Avian Paramyxovirus type 1). The test will determine the presence of antibodies in the serum of chickens. Serum dilution is 1:500.

Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.



ORT

Product Code: CK108

Tests/kit: 480 tests (5 plates)

**Ornithobacterium rhinotracheale Antibody test kit, solid plate format**

The Ornithobacterium rhinotracheale Antibody test kit is a complete set of reagents which allows for the detection of antibodies to *Ornithobacterium rhinotracheale* in the serum of chickens and turkeys.

Serum dilution is 1:100. Test incubation is 60-60-30 minutes. Test reads at 405 nm wavelength.

REO | **USDA LICENSED**

Product Code: CK110

Tests/kit: 480 tests (5 plates)

**Avian Reovirus Antibody test kit, solid plate format**

The Avian Reovirus Antibody test kit is a complete set of reagents which allows for the detection of antibodies to the Avian Reovirus. The test will determine the presence of antibodies in the serum of chickens.

Serum dilution is 1:500. Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.

REV

Product Code: CK125

Tests/kit: 480 tests (5 plates)

**Reticuloendotheliosis Virus Antibody test kit,solid plate format**

The Reticuloendotheliosis Virus Antibody test kit is a complete set of reagents which allows for the detection of antibodies to the Reticuloendotheliosis Virus. The test will determine the presence of antibodies in the serum of chickens. Serum dilution is 1:100. Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.





## ELISA tests - POULTRY

Salmonella Group D	Product Code: CK117	Tests/kit: 480 tests (5 plates)
<b>Salmonella Group D Antibody test kit, solid plate format</b> <p>The Salmonella Group D Antibody test kit is a complete set of reagents which allows for the detection of antibodies to <i>Salmonella enteritidis</i> and other invasive group D Salmonella species (<i>Salmonella pullorum</i>, <i>Salmonella gallinarum</i>) in the serum of chickens and turkeys. <b>Serum dilution is 1:100. Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.</b></p>		
Salmonella Group B	Product Code: CK118	Tests/kit: 480 tests (5 plates)
<b>Salmonella Group B Antibody test kit, solid plate format</b> <p>The Salmonella Group B Antibody test kit is a complete set of reagents which allows for the detection of antibodies to <i>Salmonella typhimurium</i> and other invasive group B Salmonella species in the serum of chickens and turkeys. <b>Serum dilution is 1:100. Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.</b></p>		
Salmonella Group B and D Combined	USDA LICENSED Product Code: CK218	Tests/kit: 480 tests (5 plates)
<b>Salmonella Group B and D Combined Antibody test kit, solid plate format</b> <p>The Salmonella Group B and D Combined Antibody test kit is a complete set of reagents which allows for the detection of antibodies to <i>Salmonella enteritidis</i> and <i>Salmonella typhimurium</i>, and other invasive group B and D Salmonella species, in the serum of chickens. <b>Serum dilution is 1:100. Test incubation is 30-30-15 minutes. Test reads at 405 nm wavelength.</b></p>		

## ELISA reference controls & accessories - POULTRY

Pre-diluted Reference Control	Product Code: CR100	Tests/kit: 5 ml / vial
The Pre-diluted Reference Control is a positive control with known antibody titers for IBD, IBV, NDV, ART, REO, AE, CAV, Mg, Ms, Mg/Ms, EDS, Salmonella group D (SE), Salmonella group B (ST), Salmonella group B and D (SE/ST), AI, ILT, FAdV, ORT and BLS. By using this reference control, all steps of the analysis are checked, except for the dilution step.		
Freeze Dried Reference Serum	Product Code: CR300	Tests/kit: 200 µl / vial
The Freeze Dried Reference Serum CR300 contains significant and known antibody levels to NDV, IBV, IBD, AE, ART, CAV, FAdV and REO. By using this reference serum, all steps of the analysis, including the dilution step, are checked.		
Freeze Dried Negative Reference Serum	Product Code: CR400	Tests/kit: 200 µl / vial
The Freeze Dried Negative Reference Serum CR400 is a negative control serum for all BioChek Poultry ELISA test kits. This reference serum will allow customers to conduct their own continuous quality control.		
ALV P27 Pre-diluted Reference Control	Product Code: CR200	Tests/kit: 2.5ml / vial
The ALV P27 Pre-diluted Reference Control is a positive control antigen for Lymphoid Leukosis. The reference control contains significant and known antigen levels of p27. By using this reference control, all steps of the analysis are checked, except for the dilution step.		
BioChek Partial Plate kit set	Product Code: BC PP	
The Partial Plate kit set contains all the necessary instructions and materials (plate sealers, sealable storage pouches, desiccant pouches) for running and storing partial test plates. The correct use of the BC PP kit set, prevents the decay of coated antigen plates, extending the storage life of partially used test plates to 2-6 weeks after first use.		



## qPCR tests - POULTRY

The BioChek quantitative Polymerase Chain Reaction (qPCR) test kits will detect the presence of target specific DNA/ RNA. Every qPCR test kit uses the same thermocycler protocol thus enabling the technician to perform qPCR reactions for different targets at the same time on 1 thermocycler. All BioChek qPCR kits are validated for use with a variety of thermocyclers (ABI 7500 series, BioRad CFX96 and Stratogene Mx3005p) and a total NA extraction kit. Results are given in Cq values, allowing differentiation between low, medium and high loads of antigen. All necessary controls are included (Negative Control, Positive Control and Internal Control)

Mg/Ms qPCR	Product Code: CP101	Tests/kit: 100 tests
<b>Mycoplasma gallisepticum - synoviae qPCR test kit</b> The Mycoplasma gallisepticum-synoviae qPCR test kit allows for the simultaneous detection of <i>Mycoplasma gallisepticum</i> and/or <i>Mycoplasma synoviae</i> . The test will determine the presence and load of antigen in the trachea of chickens or turkeys. Test duration after DNA extraction is approximately 90 minutes. Test reads at FAM, HEX (VIC) and CY5 (Quasar 670) channels. For quantification of results, qPCR standards Mg/Ms are available.		
InfA Multi qPCR	Product Code: MP101	Tests/kit: 100 tests
<b>Multispecies Influenza A qPCR test kit</b> The Multispecies Influenza A qPCR test kit is a complete set of reagents which allows for the detection of Influenza A. The test will determine the presence and load of antigen in tissues, swabs or (oral) fluids of any type of animal. Test duration after RNA extraction is approximately 100 minutes. Test reads at Fam and CY5 (Quasar 670) channels. For quantification of results, qPCR standards InfA are available.		
Salm Multi qPCR	Product Code: MP102	Tests/kit: 100 tests
<b>Multispecies Salmonella Multiplex qPCR test kit</b> The Multispecies Salmonella Multiplex qPCR test kit is a complete set of reagents which allows for the simultaneous detection of <i>Salmonella spp.</i> , <i>Salmonella enteritidis</i> and <i>Salmonella typhimurium</i> . The test will determine the presence and load of antigen in faecal samples, meat samples or dust samples. Test duration after DNA extraction is approximately 90 minutes. Test reads at Fam, CY5 (Quasar 670) channels, HEX and Texas Red channels. For quantification of results, qPCR standards Salm are available.		

## qPCR standards & accessories - POULTRY

qPCR standards Mg/Ms	Product Code: CP201	8 vials (12 reactions per vial)
A set of qPCR standards can be bought separately for the BioChek Mycoplasma gallisepticum-synoviae qPCR test kit. The standards are ready for use and do not need to be extracted. These standards can be used to check performance of the qPCR or to quantify results.		
qPCR standards InfA	Product Code: MP201	4 vials (12 reactions per vial)
A set of qPCR standards can be ordered separately for the Multispecies Influenza A qPCR test kit. The standards are ready for use and do not need to be extracted. These standards can be used to check the performance of the qPCR and to quantify results.		
qPCR standards Salm	Product Code: MP202	12 vials (12 reactions per vial)
A set of qPCR standards can be ordered separately for the Multispecies Salmonella Multiplex qPCR test kit. The standards are ready for use and do not need to be extracted. These standards can be used to check the performance of the qPCR and to quantify results.		
Nucleic Acid Extraction Kit	Product Code: BP801	Tests/kit: 100 extractions
The Nucleic Acid Extraction Kit is a complete set of chemical reagents which allows for the extraction and purification of Nucleic Acid from a variety of samples (serum, swabs, oral fluids, tissue etc.). The amount of eluted Nucleic Acid after the process is 50 µl. The Total Nucleic Acid Extraction kit can be used with all BioChek qPCR kits and can be stored at room temperature. In order to use the kit, 96% ethanol must be bought separately.		



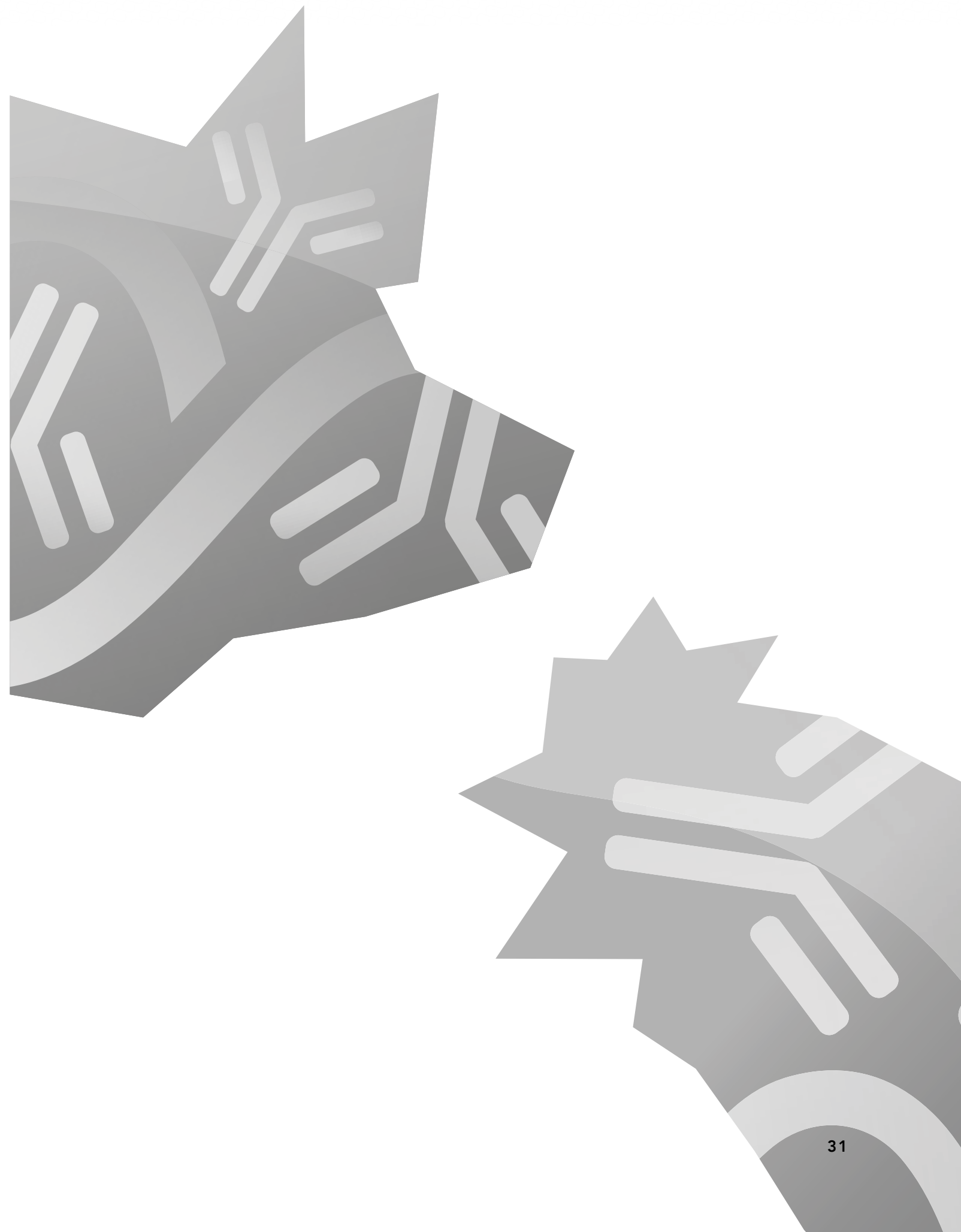
Equipment

B.E.A.R.	Product Code: GSD00300
<p><b>The B.E.A.R. (BioChek ELISA Assay Robot)</b></p> <p>The BioChek ELISA Assay Robot is a complete solution for running ELISA assays. Load the B.E.A.R. with kit components and serum samples, press start and walk away. Results will be available in 2-3 hours. The results will be stored and can be accessed by the BioChek II Software. The B.E.A.R. will conduct every step of the assay, from sample dilution to washing and reading the plate. The OD values will be transferred to the BioChek II Software.</p>	

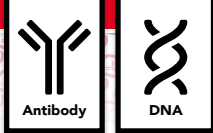


Software

BioChek II Software	Swine and Poultry
<p><b>BioChek II Software (for Windows)</b></p> <p>The BioChek Diagnostic Software is a comprehensive package for managing your database and gives you 24/7 access to all results, data and trend reports. BioChek provides customers with access to the BioChek Diagnostics Software for the analysis of diagnostic tests. The BioChek Software is divided into two different parts: one designed for the laboratory and one for the field user (veterinarian, flock supervisor or farm owner). The software package consists of a database management program to be used by the laboratory, an online database and an app for field users. The BioChek app is available for Android and iOS. For more information about BioChek Software or to request the BioChek Software, please visit our website: <a href="http://www.biochek.com/software">www.biochek.com/software</a></p>	







## BIOCHEK, SMART VETERINARY DIAGNOSTICS

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