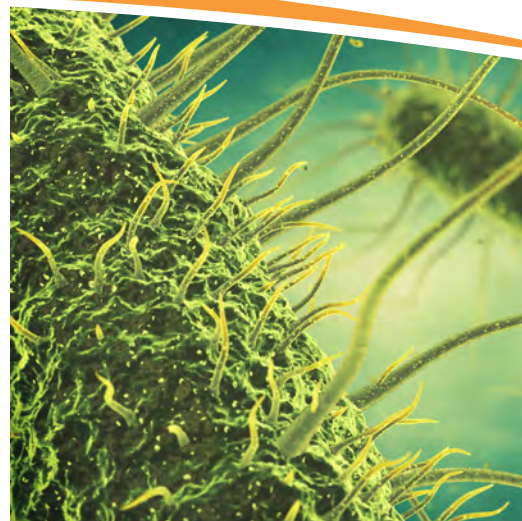




Animal &  
Plant Health  
Agency



# Biological Reagents



Over many years, through the unique breadth of knowledge and expertise of our veterinarians and scientists, APHA has developed a wide range of specialist veterinary reagents and kits. We have over 150 reagents for sale, available from either our global network of distributors or directly from APHA Scientific.

**The agency has over 100 years' experience in the diagnosis and control of diseases of livestock and other animals. APHA is a reference laboratory for a number of animal diseases both at National and International level.**

The range of reagents, which includes viral and bacterial antigens, control serum and monoclonal antibodies are manufactured in a dedicated production unit certified to ISO 9001.

Many of the reagents are currently in use by national and international reference laboratories around the world. We also have 'high containment' facilities for laboratory and farm animals allowing the production of biological materials relating to enzootic and zoonotic diseases.

**We have over 150 reagents for sale,** available from either our global network of distributors or directly from APHA Scientific.

Our biological reagents relate to a range of bacterial and viral pathogens of cattle, sheep, pigs, poultry and horses.

#### **Bacterial Diseases:**

- Brucella
- Campylobacter
- Escherichia coli
- Glanders
- Mycoplasma
- Salmonella

#### **Viral Diseases - Avian**

- Avian Adenovirus (CELO)
- Avian Influenza Virus
- Avian Paramyxovirus (PMV 3)
- Avian Reovirus
- Egg Drop Syndrome '76
- Infectious Bronchitis Virus
- Infectious Bursal Disease (Gumboro Disease) Virus
- Marek's Disease Virus
- Newcastle Disease Virus

#### **Viral Diseases - Mammalian**

- Bovine Viral Diarrhoea
- Border Disease Viruses
- Classical Swine Fever Virus
- Maedi-Visna

#### **Salmonella Agglutination Typing Antisera:**

APHA Scientific produces an extensive range of antisera for in-vitro diagnostic use including a full panel of:

- Polyvalent and monovalent somatic antisera
- Polyvalent and monovalent flagella antisera
- Positive control material

These Salmonella products are available from our exclusive distributor PRO-LAB DIAGNOSTICS.

**Please visit [www.pro-lab.com](http://www.pro-lab.com) for further details or to place an order.**

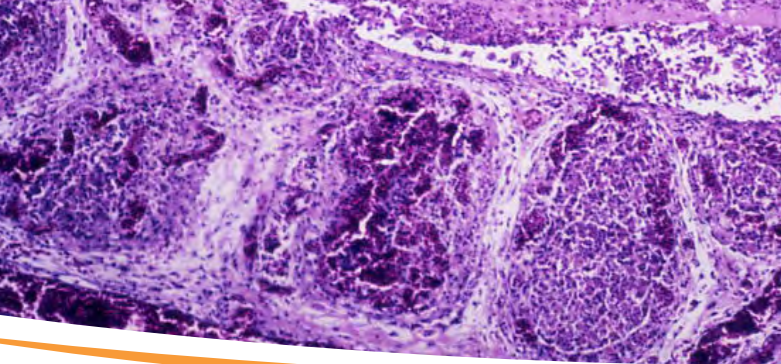
**If you require further information on any products and services, please contact us on 03000 600001 or visit [www.aphascientific.com](http://www.aphascientific.com)**



We also have a limited supply, from a large collection of reagents, which are not featured on our main price list.

**If you have specific requirements please contact us on [salesdesk@apha.gov.uk](mailto:salesdesk@apha.gov.uk)**





## Bacterial and Viral Culture Collection

**We can offer a wide range of bacterial and viral isolates to support your product developments and research. The collection contains a large number of current field strains from a wide geographical area within the UK including over 29,000 recent and historic isolates of animal pathogens.**

APHA Scientific offers a wide range of bacterial and viral isolates to support your product developments and research.

The collection contains a large number of field strains from a wide geographical area within the UK and many of the isolates are associated with clinical data.

Many of these isolates already have established sensitivity profiles, so we can selectively identify organisms of known characteristics.

**If you require information on our bacterial and viral cultures please visit [www.aphascientific.com](http://www.aphascientific.com) or email [salesdesk@apha.gov.uk](mailto:salesdesk@apha.gov.uk) for further information.**

### Virus Collection

We offer a large collection of characterised viruses suitable for the veterinary scientific community. This vital archive of pathogens helps researchers understand disease and ultimately protect animal health.

APHA is part of the European Virus Archive (EVAg) a global platform in the field of virology. We offer over 150 viruses and related products. These viruses can be ordered online and shipped globally via the European Virus Archive website.

**[www.european-virus-archive.com](http://www.european-virus-archive.com), or for commercial queries email [salesdesk@apha.gov.uk](mailto:salesdesk@apha.gov.uk)**

### Bacterial Collection

The bacterial collection represents typical and atypical isolates from respiratory, enteric, mastitic and other diseases.

We have collected over 15,000 isolates including:

- Over 500 *Pasteurella multocida* strains
- Over 4,500 *E.coli* strains
- Over 1,000 *Salmonella* species
- More than 1500 common mastitis pathogens

We also have over 1,500 anaerobes of 15 genera identified to species level.

These include:

- *Brachyspira*
- Clostridia
- Fusobacteria
- *Bacteriodes* species

We can provide you with collections of recent isolates to meet your requirements and can field collect isolates if you have a specific need not covered by the current collection.

We also offer an anti-microbial susceptibility service using several minimum inhibitory concentration (MIC) assays, performed in compliance with ISO 17025.

Up-to-date profiles for a wide range of currently marketed or research antimicrobials are available and are suitable for product registrations or marketing.



## Primary Cell Lines

APHA Scientific produces a wide range of primary and immortal cell lines. We can provide your lab with reliable, high-quality, specific avian primary cells produced from pathogen-free eggs to support you in your research projects and vaccine manufacture.

Our popular primary cell products conform to ISO9001 quality standard. We are proud to be the preferred long-term supplier of primary cell line products to a number of customers who work to GMP requirements.

- **Chick Embryo Fibroblast Cells (CEF)**
- **Primary Chick Kidney Cells (PCK)**
- **Chick Embryo Liver (CEL) Cells.**
- 

**Please enquire**  
for our full cell  
line offerings

## APHA Scientific

The commercial services of the Animal and Plant Health Agency are provided through APHA Scientific.

### Products and services available include:

- Biological reagents and diagnostic kits for animal diseases
- VETQAS® proficiency testing for veterinary laboratories
- Laboratory diagnostic testing
- Vaccine development and testing
- Pathology and bio-imaging
- Bacterial and viral identification and characterisation
- Bacterial and viral culture collections
- Virus discovery
- Wildlife management
- Veterinary research and development
- Access to APHA generated intellectual property through licensing programmes



**We are recruiting distributors and agents to support our worldwide sales network. Please contact us for further information**



Animal &  
Plant Health  
Agency



## To contact the APHA Scientific customer service team:

**Telephone:** +44 (0)3000 600001

**Email:** [aphascientific@apha.gov.uk](mailto:aphascientific@apha.gov.uk)

APHA Weybridge  
New Haw, Addlestone  
Surrey, KT15 3NB  
United Kingdom

**[www.aphascientific.com](http://www.aphascientific.com)**

APHA Scientific is the commercial department of the Animal and Plant Health Agency (APHA), which is an executive agency of the Department for Environment, Food and Rural Affairs (Defra) to safeguard animal and plant health for the benefit of people, the environment and the economy.



APHAS/11.2020