

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



9304

Accredited to  
ISO 15189:2022

### UK Health Security Agency, An Executive Agency of the Department of Health and Social Care

Issue No: 011 Issue date: 28 August 2024

Rare and Imported Pathogens  
Laboratory  
Manor Farm Road  
Porton Down  
Wiltshire  
SP4 0JG

Contact: Jenna Furneaux  
Tel: +44 (0)198 061 2591  
Fax: +44 (0)198 061 2695  
E-Mail: [ripl@ukhsa.gov.uk](mailto:ripl@ukhsa.gov.uk)  
Website: [www.ukhsa.gov.uk](http://www.ukhsa.gov.uk)

Testing performed at the above address only

#### DETAIL OF ACCREDITATION

| Materials/Products tested                | Type of test/Properties measured/Range of measurement                            | Standard specifications/ Equipment/Techniques used                                                                                                                                                                                                                                                 |
|------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HUMAN TISSUES AND FLUIDS                 | <u>Serological examination activities for the purposes of clinical diagnosis</u> | Manufacturer's instructions for specified equipment and methods (where relevant) in conjunction with in-house procedures listed.                                                                                                                                                                   |
| Serum or Plasma unless otherwise stated: |                                                                                  | Automated ELISA using Dynex DS2 or Tecan (where specified) and in-house procedures:<br>SPATH031: Operation of the DS2 automated platform for use with commercially available ELISA kits<br>SPATH102: ELISA Bench assay instructions<br>SPATH125: Processing ELISAs on the TECAN Freedom EVOLyzer-2 |
| Serum only                               | Detection of:<br><br>Borrelia burgdorferi IgG/IgM                                | Zeus or AccuDiag Borrelia VlsE1 / pepC10 / IgG/IgM ELISA kit TECAN                                                                                                                                                                                                                                 |
| Serum only                               | Leptospira IgM                                                                   | Panbio IgM ELISA kit /TECAN                                                                                                                                                                                                                                                                        |
|                                          | Coxiella burnetii IgG/IgM                                                        | Virion Serion Coxiella Phase 2 IgG VS and IgM VS ELISA kits DS 2                                                                                                                                                                                                                                   |
|                                          | Zika IgG/IgM                                                                     | Euroimmun Anti-Zika virus IgM/ IgG ELISA, TECAN                                                                                                                                                                                                                                                    |
|                                          | Francisella tularensis IgG/IgM/IgA                                               | Serazyme anti-Francisella tularensis IgG/A/M ELISA DS2                                                                                                                                                                                                                                             |



9304

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**UK Health Security Agency,  
An Executive Agency of the Department of Health and Social Care**

**Issue No: 011 Issue date: 28 August 2024**

Testing performed at main address only

| Materials/Products tested                 | Type of test/Properties measured/Range of measurement                            | Standard specifications/ Equipment/Techniques used                                                                                                                                                                                                                                                 |
|-------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HUMAN TISSUES AND FLUIDS                  | <u>Serological examination activities for the purposes of clinical diagnosis</u> | Manufacturer's instructions for specified equipment and methods (where relevant) in conjunction with in-house procedures listed.                                                                                                                                                                   |
| Serum or Plasma unless otherwise stated:  |                                                                                  | Automated ELISA using Dynex DS2 or Tecan (where specified) and in-house procedures:<br>SPATH031: Operation of the DS2 automated platform for use with commercially available ELISA kits<br>SPATH102: ELISA Bench assay instructions<br>SPATH125: Processing ELISAs on the TECAN Freedom EVOLyzer-2 |
| Serum only                                | Dengue IgG/IgM                                                                   | Panbio Dengue IgG indirect and IgM capture ELISA kits, TECAN                                                                                                                                                                                                                                       |
|                                           | West Nile IgG/IgM                                                                | Virion serion WNV IgM and Focus WNV IgG ELISA, DS2                                                                                                                                                                                                                                                 |
|                                           | Chikungunya IgG/ IgM                                                             | Euroimmun Chikungunya IgM/IgG ELISA kits, TECAN                                                                                                                                                                                                                                                    |
| Serum and plasma unless otherwise stated: |                                                                                  | Automated Immunoblot assay using Virachip and Virastripe assays, Gemini liquid handling system and Sensospot reader and in-house procedure:                                                                                                                                                        |
| Serum                                     | Detection of:<br><br>Borrelia burgdorferi IgG/IgM                                | <br><br>SPATH163 Virachip Borrelia IgG and IgM Immunoblots                                                                                                                                                                                                                                         |



9304  
Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**UK Health Security Agency,**  
**An Executive Agency of the Department of Health and Social Care**  
**Issue No: 011 Issue date: 28 August 2024**

Testing performed at main address only

| Materials/Products tested | Type of test/Properties measured/Range of measurement                                                                                                                                             | Standard specifications/ Equipment/Techniques used                                                                                                                                                      |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HUMAN TISSUES AND FLUIDS  | <u>Serological examination activities for the purposes of clinical diagnosis</u>                                                                                                                  | Manufacturer's instructions for specified equipment and methods (where relevant) in conjunction with in-house procedures listed.                                                                        |
| Serum or Plasma           | Detection of:<br><br>Hantavirus group IgG<br><br>Chikungunya IgG<br><br>Sandfly Fever virus group IgG<br><br>Japanese Encephalitis IgG<br><br>Tick borne Encephalitis IgG<br><br>Yellow Fever IgG | Automated Immunofluorescence using EuroImmun Sprinter Immunofluorescent Analyser (IFA) and in-house procedure: SPATH082 Use of the Sprinter                                                             |
| Serum                     | Detection of:<br><br>Anaplasma phagocytophilum IgG                                                                                                                                                | Manual Immunofluorescent Assay (IFA) and in-house procedures:<br><br>SPATH018 Focus immunofluorescence assay for the detection of IgG class antibodies to Anaplasma phagocytophilum in clinical samples |
| Serum                     | Coxiella IgG/IgM/IgA<br><br>Detection of:                                                                                                                                                         | SPATH029 Use of Viracell commercial IFA slides for detection of Coxiella burnetti antibodies<br><br>Manual Immunofluorescent Assay (IFA) and in-house procedures:                                       |
| Serum                     | Rickettsia Spotted Fever Group IgG/IgM<br><br>Rickettsia Epidemic Typhus group IgG/IgM                                                                                                            | SPATH028 Indirect Immunofluorescence antibody (IFA) test for anti Rickettsial IgG and IgM antibodies                                                                                                    |



9304  
Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**UK Health Security Agency,**  
**An Executive Agency of the Department of Health and Social Care**  
**Issue No: 011 Issue date: 28 August 2024**

Testing performed at main address only

| Materials/Products tested                        | Type of test/Properties measured/Range of measurement                                                                        | Standard specifications/ Equipment/Techniques used                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Serum, plasma and urine unless otherwise stated: | <u>Molecular examination activities for the purposes of clinical diagnosis</u>                                               | Manufacturer's instructions for specified equipment and methods (where relevant) in conjunction with in-house procedures listed.                                                                                                                                                                                                                                                                                                                  |
| Serum/Plasma                                     | Detection of:<br>Rickettsia DNA<br><br>Orientia tsutsugamushi DNA<br><br>Tick borne Encephalitis RNA<br><br>Yellow Fever RNA | Automated extraction using MagNAPure or Qiagen manual extraction. QIAgility robot or manual setup, Roche Lightcycler 480, Roche Lightcycler II, ABI Viia7 or Quant StudioFlex 7 thermocyclers and in-house procedures:<br>SPATH122<br>SPATH127<br><br>SPATH040 Detection of Yellow fever, TBE EEE, VEE, WEE, JE, Mayaro, Nipah, Hendra, Junin, Toscana virus RNA and Rickettsia spp. and Orientia tsutsugamushi bacterial DNA by real-time RT PCR |
| Serum/Plasma                                     | Dengue virus RNA                                                                                                             | SPATH115 Detection of Zika, Dengue, Oropouche, Chikungunya, RVF and CCHF virus RNA by Real-time RT-PCR using ABI Viia7 and Quant Studio Flex 7 thermocyclers                                                                                                                                                                                                                                                                                      |
| Serum/Plasma                                     | Chikungunya virus RNA<br><br>Crimean Congo Haemorrhagic fever RNA                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Serum/plasma/urine/semen                         | Zika RNA E gene or NS1                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |



9304  
Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**UK Health Security Agency,**  
**An Executive Agency of the Department of Health and Social Care**  
**Issue No: 011 Issue date: 28 August 2024**

Testing performed at main address only

| Materials/Products tested                        | Type of test/Properties measured/Range of measurement                                   | Standard specifications/ Equipment/Techniques used                                                                                                                                                                                                       |
|--------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HUMAN TISSUES AND FLUIDS (cont'd)                | <u>Molecular examination activities for the purposes of clinical diagnosis (cont'd)</u> | Manufacturer's instructions for specified equipment and methods (where relevant) in conjunction with in-house procedures listed.                                                                                                                         |
| Serum, plasma and urine unless otherwise stated: | Detection of:                                                                           | Automated extraction platforms using MagNAPure or Qiagen manual extraction. QIAgility robot or manual setup, Roche Lightcycler 480, Roche Lightcycler II, ABI Viia7 or Quant StudioFlex 7 thermocyclers and in-house procedures:<br>SPATH122<br>SPATH127 |
| Serum and Plasma                                 | West Nile Virus RNA                                                                     | SOP SPATH221 using MagNAPure 24 or 96 extraction platforms and LightCycler 480 real-time PCR machine using Altona WNV PCR kit 2.0                                                                                                                        |
|                                                  | Leptospira DNA                                                                          | SPATH084 Taqman assay for the detection and differentiation of pathogenic and non-pathogenic Leptospire                                                                                                                                                  |
|                                                  | Ebola virus RNA                                                                         | SPATH009956: Filovirus real time RT-PCR                                                                                                                                                                                                                  |
|                                                  | Marburg virus RNA                                                                       |                                                                                                                                                                                                                                                          |
| Serum/Plasma/CSF/ Tissue/Synovial fluid          | pan Borrelia DNA                                                                        | SPATH085 Bacterial detection by Real Tme PCR                                                                                                                                                                                                             |
| Plasma                                           | Lassa virus RNA                                                                         | SPATH229: using MagNAPure 96 extraction platforms and LightCycler 480 real-time PCR machine using Altona Realstar Lassa RT-PCR 2.0                                                                                                                       |



9304

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**UK Health Security Agency,  
An Executive Agency of the Department of Health and Social Care**

**Issue No: 011 Issue date: 28 August 2024**

Testing performed at main address only

| Materials/Products tested                                                                                                           | Type of test/Properties measured/Range of measurement                                                                                                                                                     | Standard specifications/ Equipment/Techniques used                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HUMAN TISSUES AND FLUIDS (cont'd)<br><br>Serum, plasma or urine unless otherwise stated<br><br>Serum/plasma/urine/Bacterial isolate | <u>Molecular examination activities for the purposes of clinical diagnosis (cont'd)</u><br><br>Detection of:<br><br>Bacillus anthracis DNA<br><br>Francisella tularensis DNA<br><br>Coxiella burnetii RNA | Manufacturer's instructions for specified equipment and methods (where relevant) in conjunction with in-house procedures listed.<br><br>QIAmp DNA mini kit manual extraction, QIAgility PCR or manual set up and ABI Viia7 thermocycler and in-house procedures:<br><br>SPATH069: Manual extraction of nucleic acids from clinical samples<br><br>SPATH085 Bacterial detection by Real-Time PCR |
| END                                                                                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                 |