

**National Microbiology Framework Agreement
Order Form
Reference No. C99980**

FROM

Authority:	The Secretary of State for Health and Social Care acting as part of the Crown through the UK Health Security Agency of Nobel House, 17 Smith Square, London, SW1P 3HX
Invoice address:	Post: The UK Health Security Agency, Nobel House, Smith Square, London, SW1P 3JR Email: [REDACTED]
Contract Manager:	Name: [REDACTED] [REDACTED]
Secondary Contact: e.g. business operational contact, project manager	Name: [REDACTED] [REDACTED]
Procurement lead	Name: [REDACTED] [REDACTED]
Name and address for notices:	Name: [REDACTED] [REDACTED] Address: Department of Health and Social Care, 1st. Floor South, 39 Victoria Street, London, SW1H 0EU
Internal reference (if applicable):	Biomerieux: UKHSA CRE ID OEM 3783 Atamis C99980

TO

Supplier:	BioMérieux UK Limited
Contract Manager:	Name: [REDACTED] [REDACTED] [REDACTED] [REDACTED]

Secondary Contact:	Name: [REDACTED] [REDACTED] [REDACTED]
Account/Customer Services Manager:	Name: [REDACTED] [REDACTED]
Name and address for notices:	Name: [REDACTED] Address: BioMérieux UK Limited, Grafton Way, Basingstoke, Hampshire. RG22 6HY [REDACTED]

Applicable terms and conditions

The following terms and conditions are applicable to the Contract for this Order:

Appendix A	Call-off Terms and Conditions for the Supply of Goods and the Provision of Services	Applicable to this Contract		
Appendix B	Optional Additional Call-off Terms and Conditions for Installation and Commissioning Services	<input type="checkbox"/> (only applicable if this box is checked)		
Appendix C	Optional Additional Call-off Terms and Conditions for Maintenance Services	<input type="checkbox"/> (only applicable if this box is checked)		
Appendix D	Optional Additional Call-off Terms and Conditions for Bespoke Research, Development and Manufacturing Requirements	<input type="checkbox"/> (only applicable if this box is checked and to the extent the applicable terms are included in Annex A (Order Specific Key Provisions))		
Appendix E	Optional Additional Call-off Terms and Conditions for Reagent Rental	<input type="checkbox"/> (only applicable if this box is checked)		
Appendix F	Optional Additional Call-off Terms and Conditions for Managed Equipment Services	<input type="checkbox"/> (only applicable if this box is checked)		
Appendix G	Optional Additional Call-off Terms and Conditions for Clinical Laboratory Diagnostic Testing Services	<input type="checkbox"/> (only applicable if this box is checked and to the extent the applicable terms are included in Annex A (Order Specific Key Provisions))		
Appendix H	<p>Further Optional Additional Call-off Terms and Conditions</p> <p>Each of the following clauses in Appendix H is only applicable to this Contract if the relevant box is checked:</p> <table border="1" data-bbox="402 1937 1029 2011"> <tr> <td>1. TUPE applies at the commencement of the provision of Services</td> <td><input type="checkbox"/></td> </tr> </table>	1. TUPE applies at the commencement of the provision of Services	<input type="checkbox"/>	(only applicable if one or more boxes are checked)
1. TUPE applies at the commencement of the provision of Services	<input type="checkbox"/>			

2. TUPE on exit	<input type="checkbox"/>	
3. Different levels and/or types of insurance	<input type="checkbox"/>	
4. Induction training for Services	<input type="checkbox"/>	
5. Further Authority obligations	<input type="checkbox"/>	
6. Assignment of Intellectual Property Rights in deliverables, materials and outputs of the Services	<input type="checkbox"/>	
7. Inclusion of a Change Control Process	<input type="checkbox"/>	
8. Authority step-in rights	<input type="checkbox"/>	
9. Guarantee	<input type="checkbox"/>	
10. Termination for convenience	<input checked="" type="checkbox"/>	
11. Pre-Acquisition Questionnaire	<input type="checkbox"/>	
12. Time of the essence (Goods)	<input type="checkbox"/>	
13. Time of the essence (Services)	<input type="checkbox"/>	
14. Specific time periods for inspection	<input type="checkbox"/>	
15. Specific time periods for rights and remedies under Clause 3.6 of Schedule 2 of Appendix A	<input type="checkbox"/>	
16. Right to terminate following a specified number of material breaches	<input type="checkbox"/>	
17. Expert Determination	<input type="checkbox"/>	
18. Consigned Goods	<input type="checkbox"/>	
19. Improving visibility of Sub-contract opportunities available to Small and Medium Size Enterprises and Voluntary, Community and Social Enterprises	<input type="checkbox"/>	
20. Management Charges and Information	<input type="checkbox"/>	
21. COVID-19 related enhanced business continuity provisions	<input type="checkbox"/>	
22. Buffer stock requirements	<input type="checkbox"/>	
23. Modern slavery	<input checked="" type="checkbox"/>	
The additional Order Specific Key Provisions set out at Annex A (Order Specific Key Provisions) to this Order Form shall also apply to this Contract.		<input checked="" type="checkbox"/> (only applicable if this box is checked)

1. CONTRACT DETAILS**(1.1) Commencement Date:** 7 September 2022**(1.2) Services Commencement Date (if applicable):** N/A**(1.3) Contract Price ((i) breakdown and (ii) payment profile):**

1.3.1 The total contract value shall be Three million five hundred thousand pounds and zero pence £3,500,000 (Excl. VAT) (the **"Total Contract Value"**). The Total Contract Value is the maximum value of goods which can be ordered under this Contract.

1.3.2 Following execution of this Contract, the Authority shall submit to the Supplier one purchase order that shall equal the Total Contract Value (the **"Purchase Order"**).

Description	Sites Covered	Max Value (£) (ex Vat)
Appendix 1	Appendix 2	£3,500,000.00

1.3.3 For the avoidance of doubt, the Authority is not committed to pay the Total Contract Value.

1.3.4 Subject to Annex A of this Order Form, the Supplier shall submit consolidated invoices to the Authority on receipt of the Purchase Order in accordance with the table below:

1.3.5 The Supplier shall provide monthly consolidated invoices in accordance with Section 2 of Annex A - Order Specific Key Provisions.

1.3.6 Payment terms are net 30 days in arrears from the date the Authority receives valid consolidated invoices in accordance with this Contract.

1.3.7 The Supplier shall comply with the invoicing process and associated terms see Section 2 of Annex A (Order Specific Key Provisions).

1.3.8 The Purchase orders issued by the Authority in respect of this Contract do not form part of this Contract.

(1.4) Term of Contract:

1.4.1 This Contract shall be deemed to have commenced on 7 September 2022 (the **"Commencement Date"**) and shall, unless terminated earlier, or extended, in accordance with its terms, expire on 31 March 2023 (the **"Term"**).

1.4.2 The Authority may terminate the Contract for convenience at any time pursuant to clause 10 (Termination for convenience) of Appendix H (Further Optional Additional Call-off Terms and Conditions) of this Contract provided the Authority gives the Supplier not less than 90 days written notice.

(1.5) Term extension options:

1.5.1 The Authority may give notice of its intention to extend the contract for the period 1 April 2023 to 31 March 2024, or such shorter period as the Authority may specify in the notice, (the **"Extension Period"**) by giving the Supplier written notice no later than 31 January 2023.

- 1.5.2 The Authority shall, no later than 31 January 2023 provide the Supplier with details of its requirements for Goods required during the Extension Period (the “**Extension Requirements**”).
- 1.5.3 The Supplier shall, no later than 10 working days after receiving the Extension Requirements confirm its agreement to provide the Extension Requirements. In preparing the proposals, the Supplier will have the opportunity to review the prices set out in Appendix 1, and mutually agree the prices with the Authority.
- 1.5.4 The Parties shall, acting reasonably and in good faith, discuss and agree the terms on which the Supplier will meet the Extension Requirements during the Extension Period. These terms shall be incorporated into this contract by way of variation.

2. GOODS AND/OR SERVICES REQUIREMENTS

(2.1) Description of the Goods / Services:

- 2.1.1 The Authority may, but is not obliged to, order, and the Supplier shall provide, consumables as specified in Appendix 3 (the “**Specification**”) to be delivered and used within the UKHSA lab network over the Term (the “**Goods**”).
- 2.1.2 Subject to Clauses of this Order Form, the Authority shall be entitled to order the Goods, and the Supplier shall provide the Goods.
- Ordering Procedure:**
- 2.1.3 The Authority may, but shall not be obliged to, provide the Supplier with call off orders for reagents up to, but not exceeding cumulatively the Contract Price.
- 2.1.4 The Parties agree that the period of 1 WEEKS is adequate notice.
- 2.1.5 Where the Authority provides the Supplier with a call off order pursuant to clause 2.1.1 above with notice that is not less than the period specified in clause 2.1.4 above then the Supplier shall fulfil such call off order.
- 2.1.6 Where the Authority provides the Supplier with a call off order pursuant to clause 2.1.1 above with notice that is less than the period specified in clause 2.1.4 above then the Supplier shall use its reasonable endeavours to fulfil such call off order in whole, and where the Supplier is not able to fulfil in whole in part, in the timeframe specified by the Authority.
- 2.1.7 Where the Authority’s call off order made pursuant to clause 2.1.6 has been in the Supplier’s possession for a period not less than that set out in clause 2.1.4 above the Supplier shall treat such call off order as if the Authority had submitted it pursuant to clause 2.1.3 accordingly.
- 2.1.8 The Supplier shall deliver the Goods according to the Specification (“**Specification**”) and shall be defined as the Supplier description of the Goods being delivered which will contain any relevant technical information, quality standard, relevant testing and validation information and any relevant handling and storage information given, as set out in Appendix 3.
- 2.1.9 The supplier warrants that any Goods that are shown to fail this Specification within the expiry date required for the goods are either replaced or full credit given.

2.1.10 Should the supplier's products that are the subject of this contract be upgraded, modified or replaced with different versions or new products added in the framework during the contract period then subject to the agreement by Authority these items will also become part of the agreement.

(2.2) Premises and Location(s) at which the Goods / Services are to be delivered / provided:

2.2.1 The supplier shall deliver the goods to the Premises and Location(s) detailed in Appendix 2 – Delivery Locations or such other location as the Authority specifies from time to time.

2.2.2 The Supplier shall ensure that all products are labelled with product description, part number, volume, batch number, storage requirements and barcode.

2.2.2 All planned deliveries shall be pre-advised by the Supplier to the Authority's primary delivery contact stated below (individually or collectively be known as the "Delivery Contact") at least 48 hours prior to attendance:

2.2.3 Primary delivery contact: Detailed by site in Appendix 2.

2.2.4 The Supplier shall provide the following data when notifying the Delivery Contact:

- Supplier name;
- Authority's Order Number;
- Item reference, Supplier's part code, description and quantity;
- Full service detail at item level and any special instructions originally entered for Authority's Order (e.g. project).

2.2.5 The Delivery Contact will confirm:

- Booking reference number;
- Date and time of service (where applicable); and
- Delivery address.

2.2.6 Delivery of the Goods/Services shall be considered to have occurred when the Delivery Contact or other authorised representative of the Authority at the Authority's nominated location has signed the service / maintenance recording sheet.

2.2.7 The Supplier shall carry out deliveries within the ordinary working hours at the delivery location on the date specified.

(2.3) Key personnel of the Supplier to be involved in the Goods / Services:

Name: [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

(2.4) Performance standards:

- The Supplier shall ensure the goods conform and perform to the Specification.
- Timely delivery of the Services in accordance with section 2.6 below.

- Proof of delivery of the Services to be supplied with each monthly consolidated invoice.

(2.5) Quality standards:

- Unless expressly agreed otherwise the Supplier shall ensure that the Goods have an expiry date of at least 6 months following the date of delivery by the Supplier, to allow the laboratories sufficient time to use the kit.
- The Supplier warrants the Goods shall be fit for purpose and shall conform to the Specification for not less than four (4) months commencing from the date of delivery in accordance with Clause 10 of the Call-Off Terms and Conditions in exception of specially defined products i.e. Chromogenic media which shall conform to the Specification for not less than four (4) weeks commencing from the date of delivery in accordance with Clause 10 of the Call-Off Terms and Conditions.
- In the event that Goods are deemed to be Defective Goods by the Authority, the Authority, at its sole discretion, shall provide a written notice to the Supplier in accordance with Schedule 2, clause 4.7 of the Call-Off Terms and Conditions.

(2.5.1) Return Conditions:

For Goods that do not meet the quality and performance standards The Return Conditions will be as follows:

- The Supplier is responsible for collecting the Goods.
- The Supplier is responsible for the costs of returning/collecting the Goods.

Return Conditions shall be in accordance with Schedule 2 - clause 4 (Inspection, rejection, return and recall of the Goods) of the Call Off Terms and Conditions

(2.6) Contract monitoring arrangements:

The Authority Contract Manager (or their delegate) and the Supplier Contract Manager shall meet Monthly (or such other frequency as reasonably requested by the Authority) and no less than quarterly (unless otherwise notified by the Authority) to discuss the Supplier's performance and other matters connected to the delivery of the Contract.

The Supplier shall provide any management information required on a monthly basis to include:

- 2.6.1 Performance against below KPIs, delivery expectations, demand/call-off plan
- 2.6.2 Stock and deliveries against contract schedule and forecast
- 2.6.3 Compliance to processes: Delivery schedules and Invoicing
- 2.6.4 Overview of any Innovation, product performance/enhancement, service redesign, and horizon plans
- 2.6.5 Supplier input/issues on contract performance
- 2.6.6 The Supplier agrees to conform to the following key performance indicators (KPI's) during the Term of this Contract and shall be obliged to provide compliance reports at the request of the Authority:
 - Quantity of delivery correct against the relevant Order (including deliveries in excess and shortfall of the Order quantity).
 - Quality of delivery in accordance with the Framework Agreement and this Contract (including delivery presentation in accordance with the Framework Agreement and this Contract (the delivery must be presented in such a way that it can be unloaded

safely and in a ready for use condition taking into consideration the Framework Agreement and this Contract requirements) and damaged Goods (the Goods must be in a condition that is new and ready to use).

- Timely and accurate administration (including booking/amending delivery times and Orders and invoices, delivery advice notes and labels being in accordance with the requirements of the Framework Agreement and this Contract).

(2.7) Management information and meetings:

2.7.1 At the Authority's request, within five (5) Working Days of such request, the Supplier shall provide such management information to the Authority as the Authority may reasonably request from time to time (including without limit any information about the Supplier's supply chain and its compliance in relation to sustainability requirements).

2.7.2 Performance and key performance indicators to be reported by the Supplier on a monthly basis include:

- Overall contract operational performance against service targets and/or service levels;
- Service failures and root cause analysis;
- Invoicing and billing;
- Establish any improvement action plans required;
- Corrective action notices;
- Process improvements / best industry practice;
- Review and discussion of a continuous improvement plan;
- Change control;
- Capacity management achievement of authority's objectives;
- Review of risks; and
- Objective reviews and scope for delivery of Goods and services.
- Commercial opportunity / strategic & executive review meetings shall discuss the following: Supplier's Business Continuity Plan including monitoring supply chain risks and issues
- Strategic development and the delivery of the Goods;
- Explore opportunities to increase value of business (added value, efficiency improvement, business development, cost improvement etc.) to the Authority and the Supplier.

3. CONFIDENTIAL INFORMATION (if applicable)

(3.1) The following information shall be deemed Confidential Information:

- Supplier pricing.
- Contact details including, but not limited to, email addresses, landline / mobile phone numbers, etc. of Supplier representatives
- Contact details including, but not limited to, email addresses, landline / mobile phone numbers, etc. of Authority's representatives

(3.2) Duration that the information shall be deemed Confidential Information:

For a period of three (3) years after the expiry or earlier termination of this Contract unless otherwise agreed in writing by the Parties.

4. DATA PROCESSING (if applicable)

(4.1) Personal Data to be processed by the Supplier:

In accordance with the Data Protection Protocol.

5. LEASE / LICENSE (if applicable)

(5.1) The Authority is granting the following lease or licence to the Supplier:

N/A

For and on behalf of the Authority:



Date Signed: 23/09/22

For and on behalf of the Supplier:



Date Signed: 23/09/2022

Annex A

Order Specific Key Provisions

1. Delivery and Risk:

- 1.1. The Supplier shall deliver the Goods to the locations set out in Appendix 2 – Delivery Location.
- 1.2. The Supplier will ensure that the delivery of Goods is made in accordance with the terms of this Order Form including Annex A, Appendix 1, Appendix 2, Appendix 3 and the Call-Off Terms and Conditions.

2. Invoicing Process:

- 2.1 Payment terms are net 30 days from receipt of a valid monthly invoice.
- 2.2 Within 10 Business Days of receipt of the Supplier's countersigned copy of the Contract, the Authority will send a unique purchase order ("PO") number. The Supplier must be in receipt of a valid PO number before submitting an invoice.
- 2.3 Notwithstanding submission of the Purchase Order to the Supplier, the Authority is only committed to purchasing such quantities of the Goods as it orders in accordance with this paragraph 3; and submission of the Purchase Order to the Supplier shall not constitute commitment on behalf of the Authority to purchase Goods up to the full Contract Price.
- 2.4 At least once a week, the Parties operational teams will hold a call to determine the Authority's then current demand for the Goods. At such meetings, the Parties will:
 - (i) agree the volume of Goods to be delivered for the following week
 - (ii) review current inventory levels; and
 - (iii) discuss such other matters as the parties may consider appropriate.
 - (iv) Purchase obligations are limited to volumes specified in to manage against over ordering of stock. Time is of the essence where the Supplier will deliver to the order as requested and will deliver to the time slots with a plus or minus 30-minute tolerance.
 - (v) discuss such other matters as the parties may consider appropriate.
- 2.5 The Supplier shall provide an invoice to the Authority for all Goods received and accepted by the Authority upon each delivery.
- 2.6 All invoices should be sent for approval and must include the proof of delivery to the Authority's designated finance mailbox e-mail [REDACTED] and their agreed representative (to be confirmed at first Supplier meeting) before being submitted for payment.
- 2.7 The Supplier shall provide compliant invoices that include a valid PO number, PO line item number (if applicable), PO line description, and the details (name and telephone number) of the Authority's authorised representative. Non – compliant invoices will be sent back to the Supplier, which may lead to a delay in a payment.
- 2.8 In support of Goods being delivered the Supplier shall provide to the Authority a signed delivery note

confirming receipt of the Goods by email to [REDACTED]

■ If you have a query regarding an outstanding payment, please contact our Accounts Payable section by email to: [REDACTED]

Appendix 1
List of consumables and price

Product code	Product description	Packing info	Pricing 2022/23 (Excl VAT)
10100	API 10 S		
10300	API Listeria + Suspension Media		
10400	API NH + Medium		
10500	API Candida + Suspension Medium		
15710	Tips For Inoculator		
20050	API 20 NE		
20070	20NE Suspension Medium		
20100	API 20E		
20120	API 20E Reagent Kit		
20150	API 20E SUSP MED (5ml)		
20210	API 20 C AUX		
20230	NaCl 0.85% medium 5ml		
20300	API 20 A		
20500	API Staph		
20600	API 20 Strep		
20701	RapiD 20 E		
20800	API Campy		
20900	API Coryne		
21219	Pipetter/Diluter Accessory Kit		
21255	DensiCHEK Plus - Standard Reference Kit		
21341	VITEK 2 GN		
21342	VITEK 2 GP		
21343	VITEK 2 YST		
21345	VITEK 2 BCL (Bacillus)		
21346	VITEK 2 NH		
21347	VITEK 2 ANC		
22216	VITEK 2 AST-P576		
25200	API ZYM		
29508	PREVI Isola Tips		
29509	PREVI Isola Applicators		
29519	Acetone Safranin - A		
29520	Safranin - A		

29521	Acetone Fuchsin - A		
29522	Fuchsin - A		
29523	Iodine - B		
29524	Crystal Violet - C		
29578	Stainless Steel Rack		
30117	VIDAS HIV P24 II Antigen		
30118	VIDAS CD A/B		
30192	VIDAS H Pylori IgG		
30202	VIDAS Toxo IgM		
30204	VIDAS CMV IgG		
30205	VIDAS CMV IgM		
30210	VIDAS Toxo IgG II		
30211	VIDAS Toxo Competition		
30214	VIDAS Rub IgM		
30217	VIDAS VZG		
30218	VIDAS Mumps IgG		
30219	VIDAS Measles IgG		
30221	VIDAS RBG II		
30235	VIDAS EBNA IgG		
30236	VIDAS EBV VCA/EA IgG		
30237	VIDAS VCA IGM		
30305	VIDAS HBe Total		
30307	VIDAS HAV IgM		
30308	VIDAS HCV		
30312	VIDAS HAV Total		
30314	VIDAS Anti-HBc Total II		
30315	VIDAS HBsAg Ultra		
30317	VIDAS HBsAg Ultra confirmation		
30318	VIDAS Anti-HBs Total II		
30319	VIDAS Lyme IgM		
30320	VIDAS Lyme IgG		
30439	VIDAS HBc IgM		
30443	VIDAS HIV DUO Ultra		
30444	VIDAS P24 Confirmation		
30447	VIDAS HIV DUO Quick		
30450	VIDAS B.R.A.H.M.S PCT		
30706	VIDAS QCV		
43004	chromID VRE Agar		
43451	chromID MRSA		
43459	chromID MRSA		
43481	chromID ESBL		
43861	chromID carba agar		
43871	chromID C.difficile agar (2 x 10 plates)		
50110	API O/F Medium		

50120	API M		
50300	API 50 CH		
50410	API 50CHL Medium		
50430	API 50CHB/E Medium		
69285	Polystyrene Tubes		
70100	Mineral Oil		
70380	API ZN		
70402	API TDA Reagent		
70422	API VP1 & VP2 Reagent		
70442	API NIT 1 & NIT 2 Reagent		
70491	API NIN-2		
70492	API PYZ-2		
70493	API ZYM B-2		
70494	API ZYM A-2		
70510	API BCP		
70520	API EHR		
70530	API XYL		
70542	James Reagent		
70562	API FB Reagent		
70572	API VPA & VPB Reagent		
70640	ATB Suspension medium (3ml)		
70700	20 STREP Suspension Medium		
70900	Mcfarland Scale Set 7 Ampoules		
72331	ASD Kit		
80000	TEMPO QC		
80002	TEMPO STA (Staphylococcus Aureus)		
80003	TEMPO EB		
80004	TEMPO EC		
80015	TEMPO Bags		
96118	GENbag/box Anaer indicator		
96124	GENbox Anaer		
96125	GENbox Microaer		
200292	NucliSENS Lysis Buffer (2ml)		
233766	Airway Sub/Vent Units		
280130	NucliSENS easyMAG Extraction Buffer 1		
280131	NucliSENS easyMAG Extraction Buffer 2		
280132	NucliSENS easyMAG Extraction Buffer 3		
280133	NucliSENS easyMAG Magnetic Silica		
280134	NucliSENS easyMAG Lysis Buffer		
280135	NucliSENS easyMAG Disposables		

280146	BioHit Pipette tips		
411361	ETEST MBL - Meropenem +/- EDTA (MP/MPI)		
412219	ETEST Amikacin		
412241	ETEST Amoxicillin-CA (XL 256)		
412243	ETEST Amoxicillin		
412253	ETEST Ampicillin		
412257	ETEST Azithromycin (AZ 256)		
412259	ETEST Aztreonam (AT 256)		
412269	ETEST Caspofungin		
412263	ETEST Benzylpenicillin 256		
412265	ETEST Benzylpenicillin 32		
412273	ETEST Cefepime (PM 256)		
412275	ETEST Cefixime (IX 256)		
412281	ETEST Cefotaxime (low)		
412285	ETEST Cefoxitin (FX 256)		
412289	ETEST Cefpodoxime PX (256)		
412293	ETEST Ceftazidime		
412301	ETEST Ceftriaxone (TX 256)		
412303	ETEST Ceftriaxone		
412305	ETEST Cefuroxime (XM 0		
412309	ETEST Chloramphenicol (CL 256)		
412311	ETEST Ciprofloxacin		
412313	ETEST Clarithromycin (CH 256)		
412324	ETEST Daptomycin (DPC 256)		
412326	ETEST Doripenem (DOR 32)		
412328	ETEST Doxycycline (DC 256)		

412334	ETEST Erythromycin	[REDACTED]	[REDACTED]
412350	ETEST Fluconazole (FL 256)	[REDACTED]	[REDACTED]
412352	ETEST Flucytosine (FC 32)	[REDACTED]	[REDACTED]
412368	ETEST Gentamicin (GM 256)	[REDACTED]	[REDACTED]
412374	ETEST Imipenem	[REDACTED]	[REDACTED]
412380	ETEST Itraconazole (IT 32)	[REDACTED]	[REDACTED]
412382	ETEST Kanamycin (KM 256)	[REDACTED]	[REDACTED]
412391	ETEST Ketoconazole (KE 32)	[REDACTED]	[REDACTED]
412393	ETEST Levofloxacin	[REDACTED]	[REDACTED]
412396	ETEST Linezolid	[REDACTED]	[REDACTED]
412404	ETEST Metronidazole	[REDACTED]	[REDACTED]
412409	ETEST Minocycline (MC 256)	[REDACTED]	[REDACTED]
412411	ETEST Moxifloxacin (MX 32)	[REDACTED]	[REDACTED]
412432	ETEST Oxacillin	[REDACTED]	[REDACTED]
412436	ETEST Piperacillin (PP 256)	[REDACTED]	[REDACTED]
412450	ETEST Rifampicin (RI 32)	[REDACTED]	[REDACTED]
412452	ETEST Spectinomycin (SC 1024)	[REDACTED]	[REDACTED]
412461	ETEST Teicoplanin	[REDACTED]	[REDACTED]
412471	ETEST Tetracycline	[REDACTED]	[REDACTED]
412473	ETEST TIC/CLAV-CON2 (TLC 256)	[REDACTED]	[REDACTED]
412479	ETEST Tobramycin TM (256)	[REDACTED]	[REDACTED]
412481	ETEST Trimethoprim/Sulfa (TS 32)	[REDACTED]	[REDACTED]
412488	ETEST Vancomycin	[REDACTED]	[REDACTED]
412490	ETEST Voriconazole (VO 32)	[REDACTED]	[REDACTED]
413050	chromID MRSA SMART	[REDACTED]	[REDACTED]
413051	chromID MRSA SMART	[REDACTED]	[REDACTED]
413557	VIDAS CMV Avidity II	[REDACTED]	[REDACTED]
414011	chromID OXA 48	[REDACTED]	[REDACTED]

414447	ETEST Ceftolozane/Tazobactam	[REDACTED]	[REDACTED]
414685	chromID Carba SMART 90mm Bi-Plates	[REDACTED]	[REDACTED]
414997	Mycobacterial Antibiotic Supplement	[REDACTED]	[REDACTED]
415418	RAPIDEC CARBA NP x 10	[REDACTED]	[REDACTED]
415671	VITEK 2 AST-P634	[REDACTED]	[REDACTED]
416198	PREVI Isola Zebra Label Rolls	[REDACTED]	[REDACTED]
416911	VITEK 2 AST-P635	[REDACTED]	[REDACTED]
417619	Sterile Test Tubes (capped)	[REDACTED]	[REDACTED]
417820	VITEK 2 Saline Reservoir Bags	[REDACTED]	[REDACTED]
418115	VIDAS Anti-HEV IgM	[REDACTED]	[REDACTED]
418116	VIDAS Anti-HEV-IgG	[REDACTED]	[REDACTED]
419042	ChromID S.Aureus Elite	[REDACTED]	[REDACTED]
419556	ETEST Ceftazidime Avibactam (CZA 256)	[REDACTED]	[REDACTED]
420739	VITEK 2 AST-YS08	[REDACTED]	[REDACTED]
420925	Etest Imipenem Relebactam	[REDACTED]	[REDACTED]
421037	VITEK 2 AST-N350	[REDACTED]	[REDACTED]
421040	VITEK 2 AST-ST03	[REDACTED]	[REDACTED]
421257	VITEK 2 AST-N351	[REDACTED]	[REDACTED]
421258	VITEK 2 AST-N352	[REDACTED]	[REDACTED]
423054	VITEK 2 AST-N381	[REDACTED]	[REDACTED]
423055	VITEK 2 AST-N382	[REDACTED]	[REDACTED]
423056	VITEK 2 AST-N383	[REDACTED]	[REDACTED]
500918	ETEST Amoxicillin	[REDACTED]	[REDACTED]
501018	ETEST Amoxicillin-clavulanic acid	[REDACTED]	[REDACTED]
501518	ETEST Ampicillin	[REDACTED]	[REDACTED]
501618	ETEST Azithromycin	[REDACTED]	[REDACTED]
505018	ETEST Cefepime	[REDACTED]	[REDACTED]
506518	ETEST Cefoxitin	[REDACTED]	[REDACTED]
510518	ETEST Erythromycin	[REDACTED]	[REDACTED]
510818	ETEST Fluconazole	[REDACTED]	[REDACTED]
512700	ETEST Gentamicin (high)	[REDACTED]	[REDACTED]
513700	ETEST Mecillinam	[REDACTED]	[REDACTED]
516018	ETEST Minocycline	[REDACTED]	[REDACTED]
516300	ETEST Mupirocin	[REDACTED]	[REDACTED]

		Pack)	
516308	ETEST Mupirocin		
516500	ETEST Nalidixic Acid		
522018	ETEST Teicoplanin)	
522518	ETEST Tetracycline)	
524418	ETEST Trimethoprin-sulphamethoxazole)	
526018	ETEST Rifampicin)	
526800	ETEST Streptomycin		
527418	ETEST Levofloxacin)	
528900	ETEST Enrofloxacin		
529018	ETEST Moxifloxacin		
529100	ETEST Fosfomycin		
529108	ETEST Fosfomycin		
530400	ETEST Nitrofurantoin)	
531318	ETEST Linezolid)	
531600	ETEST Ertapenem		
532000	ETEST Anidulafungin (AND 0.002-32))	
532100	ETEST Posaconazole		
532200	ETEST ESBL - Cefotaxime +/- CA)	
532208	ETEST ESBL - Cefotaxime +/- CA		
532500	ETEST ESBL - Ceftazidime +/- CA		

532508	ETEST ESBL - Ceftazidime +/- CA		
532818	ETEST Voriconazole)	
533100	ETEST Tobramycin (high))	
533400	ETEST Polymyxin B (PO 0.064 - 1024))	
533508	ETEST Tigecycline		
534200	ETEST MBL - Imipenem +/- EDTA		
534208	ETEST MBL - Imipenem +/- EDTA)	
534700	ESBL - Cefepime +/- Clavulanic acid		
534708	ESBL - Cefepime +/- Clavulanic acid		
535018	ETEST Daptomycin		
535600	ETEST Temocillin		
535700	ETEST Micafungin		
537300	ETEST Colistin		
GB400	Plastic Test Tubes 16 x 100mm		
V1200	Saline Dispenser		
V1204	Suspension Solution		
RFIT-ASY-0116	FilmArray Gastrointestinal Panel Kit (30)		
RFIT-ASY-0118	FilmArray ME Panel (FAIV) Kit 30 tests		
418922	eMAG tips 1000µl		
422140	eMAG Tip Waste bag		

420967	eMAG Liquid waste	[REDACTED]	[REDACTED]
423439	VITEK AST P662 Cards	[REDACTED]	[REDACTED]
412315	ETEST Clindamycin	[REDACTED]	[REDACTED]
421166	ETEST Pip/Tazo	[REDACTED]	[REDACTED]
A100760	Samplok Adapter Cap 3	[REDACTED]	[REDACTED]
43761	ChromID Vibrio	[REDACTED]	[REDACTED]
533500	Etest Tigecycline	[REDACTED]	[REDACTED]
69-014B	HSV1 HSV2 VZV R-gene Quantification Kit	[REDACTED]	[REDACTED]
423740	BioFire FilmArray RP2.1 Plus Panel	[REDACTED]	[REDACTED]
419699	419699 : SIDE LABELS ROLL (10X40MM SIZE, 6000 LABELS) (BIRMINGHAM ONLY)	[REDACTED]	[REDACTED]
419700	419700 : RIBON INK ROLL (BIRMINGHAM ONLY)	[REDACTED]	[REDACTED]
421020	421020 : WORKBENCH CAB LABEL ROLL WHITE (10X40MM) (BIRMINGHAM ONLY)	[REDACTED]	[REDACTED]
493CE02	493CE02 : ESWAB MRSA DUAL SWAB (BIRMINGHAM ONLY)	[REDACTED]	[REDACTED]
4E047S02	MRSA Dual eSWAB White Cap	[REDACTED]	[REDACTED]
WR086-03-0001	Drip Tray with Sponge	[REDACTED]	[REDACTED]
WR086-03-0004	Rejection Bin Pad	[REDACTED]	[REDACTED]
WR086-03-0005	Loop Cleansing Solution	[REDACTED]	[REDACTED]
WR086-03-0600	Biquetra 1uL round ring YELLOW	[REDACTED]	[REDACTED]
WR086-03-0601	Biquetra 10uL welded ring BLUE	[REDACTED]	[REDACTED]
WR086-03-0602	Biquetra 30uL welded ring RED	[REDACTED]	[REDACTED]
WR086-50-0001	Disposable Pad for Docking Station	[REDACTED]	[REDACTED]
WR086-61-0014	Dip Tray for Broth Module	[REDACTED]	[REDACTED]

Appendix 2 – Delivery Location

Delivery Location as detailed below:

S/N	LOCATION	ADDRESS	DELIVERY CONTACT
1	BRISTOL	UKHSA Pathology Building (Phase 2) Southmead Hospital Bristol BS10 5NB	[REDACTED]
2	BIRMINGHAM	UKHSA Birmingham Pathology Heartlands Hospital Bordesley Green East Birmingham B9 5SS	[REDACTED]
3	MANCHESTER	UKHSA Manchester Manchester Medical Microbiology Partnership Clinical Sciences Buildings Manchester University NHS Foundation Trust Oxford Road, Manchester, M13 9WL	[REDACTED]
4	CAMBRIDGE	UKHSA Cambridge Box 236 Cambridge University Hospitals NHS Foundation Trust Hills Road Cambridge CB2 0QQ	[REDACTED]
5	COLINDALE	UKHSA 61 Colindale Avenue London NW9 5EQ	[REDACTED]
6	YORK	UKHSA, Food, Water & Environmental Microbiology Services Laboratory, York Biotech Campus Block 10 Sand Hutton York YO41 1LZ	[REDACTED]
7	PORTON DOWN	UKHSA Manor Farm Rd Porton Down Salisbury SP4 0JG	[REDACTED]

Appendix 3 - Specification



NUCLESENS[®] EASYMAG[®]

NUCLESENS[®] EASYMAG[®] is a breakthrough automated platform specifically optimized for total nucleic acid extraction.

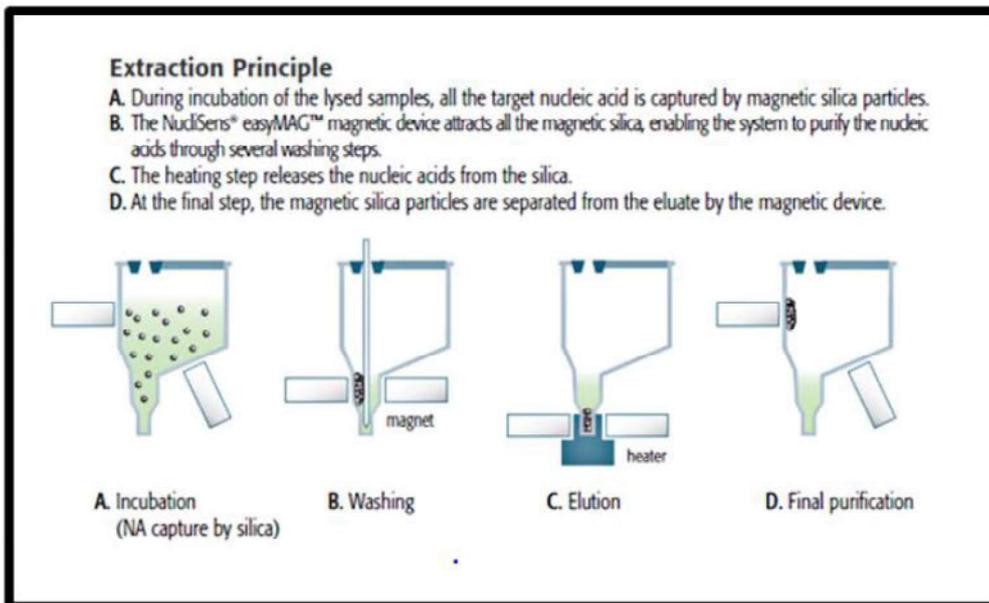
- Leverages bioMérieux expertise of **gold standard BOOM technology**
- Generic protocol approach for **DNA & RNA extraction**
- **Flexible:** see a variety of biological sample types and volumes **simultaneously**
- **Fast:** can turnaround as many as 24 extractions in 40 minutes

NUCLESENS[®] EASYMAG[®] instrument is designed to meet the most **critical needs** when it comes to **premium quality total nucleic acid extraction**. The system automates an enhanced magnetic silica version of BOOM technology, a **gold standard** for efficient universal extraction of RNA and DNA. **Purity and quality** are assured with critical safeguards. What's more, the system offers ease-of use and optimal workflow for enhance productivity.

Better extraction, by design

TOP

NUCLESENS[®] EASYMAG[®] is an [award-winning](#) automated benchtop nucleic acid extraction system that stands out for its **versatility and flexibility**. Its exceptionally **robust design** means the entire **BOOM[®]** extraction and purification **process takes place in a single well** and **only one aspiration tip is required** per sample. This simplified operation dramatically increases the **reliability** of the procedure.



[Click to enlarge »](#)

For optimal system performance, **critical safeguards** are incorporated into the EASYMAG® process:

- Monitoring of on-board extraction reagents
- Sensing of tips and sample vessels
- Scanning and continuous laser liquid sensing
- Thorough traceability from start to finish
 - ▶ samples
 - ▶ process documents

NUCLISENS[®] EASYMAG[®] System



Unique Sample Vessel Design

Stationary Sample Approach

- Entire extraction process takes place in a single well
- One fixed aspiration tip per sample
- Greatly reduced potential for sample loss and cross contamination
- Highly simplified, reliable workflow



Vastly Reduced Consumables Waste

Smart Disposable Design

- Only one set of sample run disposables for 8 samples
- Vastly reduced waste and handling
- Eliminates the need for multiple racks of pipette tips and multi-well processing plates



Barcoded & Monitored On-Board Reagents

On-Board Reagents

- Minimal handling of extraction buffers from run to run
- augments streamlined workflow
- Extraction buffers bar-coded with lot#/expiration into for improved traceability
- 30-day stability on board the instrument



Proprietary Gold-Standard BOOM[®] Technology

Universal Magnetic BOOM Chemistry

- Total nucleic acid extraction of both RNA and DNA
- No need for separate types of purification kits enhances simplicity and reduces inventory
- Enhanced magnetic silica chemistry results in high-quality nucleic acid for various molecular applications