#### Appendix 1

#### National Microbiology Framework Agreement Life Technologies Limited Order Form – C348360

#### **FROM**

Authority:	UK Health Security Agency ("the Authority")
Invoice address:	Post: UKHSA Accounts Payable Team
	Manor Farm Road
	Porton Down
	Salisbury
	SP4 0JG
	United Kingdom
	E-mail:
Contract Manager:	
Secondary Contact: eg.	
business operational	
contact, project manager	
Procurement lead	
Name and address for	Name:
notices:	Address: UK Health Security Agency
	10 South Colonnade
	Canary Wharf
	London
	E14 4PU
Internal reference (if	To be quoted on all correspondence relating to this Order Form:
applicable):	Contract Reference: C348360

#### TO

10	
Supplier:	Life Technologies Limited (the "Supplier") 3 Fountain Drive Inchinnan Business Park Paisley PA4 9RF
	Company Number: SC083107
Contract Manager:	
Secondary Contact:	
Account Manager:	
Name and address for	Name:
notices:	Registered Address: 3 Fountain Drive
	Inchinnan Business Park
	Paisley
	PA4 9RF

#### 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	(only applicable if this box is checked)
Appendix C	Optional Additional Call-off Terms and Conditions for Maintenance Services	(only applicable if this box is checked)
Appendix D	Optional Additional Call-off Terms and Conditions for Bespoke Research, Development and Manufacturing Requirements	(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	(only applicable if this box is checked)
Appendix F	Optional Additional Call-off Terms and Conditions for Managed Equipment Services	(only applicable if this box is checked)
Appendix G	Optional Additional Call-off Terms and Conditions for Clinical Laboratory Diagnostic Testing Services	(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	Further Optional Additional Call-off Terms and Conditions  Each of the following clauses in Appendix H is only applicable to this Contract if the relevant box is checked:  1. TUPE applies at the commencement of the	(only applicable if one or more boxes are checked)
	provision of Services  2. TUPE on exit	-
	Different levels and/or types of insurance	-
	4. Induction training for Services	
	5. Further Authority obligations	
	6. Assignment of Intellectual Property Rights in deliverables, materials and outputs of the Services	

7. Inclusion of a Change Control Process		
8. Authority step-in rights		
9. Guarantee		
10. Termination for convenience	$\boxtimes$	
11. Pre-Acquisition Questionnaire		
12. Time of the essence (Goods)	$\boxtimes$	
13. Time of the essence (Services)	$\boxtimes$	
14. Specific time periods for inspection		
<ol> <li>Specific time periods for rights and remedies under Clause 3.6 of Schedule 2 of Appendix A</li> </ol>		
<ol> <li>Right to terminate following a specified number of material breaches</li> </ol>		
17. Expert Determination	$\boxtimes$	
18. Consigned Goods		
<ol> <li>Improving visibility of Sub-contract opportunities available to Small and Medium Size Enterprises and Voluntary, Community and Social Enterprises</li> </ol>		
20. Management Charges and Information		
COVID-19 related enhanced business continuity provisions		
22. Buffer stock requirements		
23. Modern slavery	$\boxtimes$	
rder Specific Key Provisions set out at Annex A Key Provisions) to this Order Form shall also ap		⊠ (only applicable if this box is checked)

#### 1. CONTRACT DETAILS

#### (1.1) Commencement Date:

The date this Order Form is signed by both Parties (the Authority and the Supplier).

#### (1.2) Services Commencement Date (if applicable):

The date this Order Form is signed by both Parties (the Authority and the Supplier).

#### (1.3) Contract Price ((i) breakdown and (ii) payment profile):

- 1.3.1. The maximum value of the Goods that can be ordered under this Contract shall be fifty thousand, two hundred and forty-eight pounds and sixty-nine pence (£50,248.69) only (the "Contract Price").
- 1.3.2. The Contract Price excludes VAT at the applicable rate.
- 1.3.3. Only purchase orders placed directly by the Authority are binding under this Contract ("PO").
- 1.3.4. The Goods which are able to be purchased under this contract are contained within Appendix 1 – Equipment and Price Breakdown (ex VAT).
- 1.3.5. Payment terms are net 30 days in arrears from the date the Authority receives valid invoices in accordance with this Contract.
- 1.3.6. POs 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 commence on the date the Order Form is signed by both Parties (the "Commencement Date") and shall, unless terminated earlier in accordance with its terms, expire on 31st October 2025 (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 no less than 3 (three) months written notice.

#### (1.5) Term extension options:

Not applicable.

#### 2. GOODS AND/OR SERVICES REQUIREMENTS

#### (2.1) Description of the Goods / Services:

- 2.1.1. The Supplier shall provide and deliver to the Authority one Seqstudio Genetic Analyser and associated items (the "Goods") as listed in Appendix 1 Equipment and Pricing (ex VAT).
- 2.1.2. The Supplier shall complete the Smart Start training (the "Services") prior to the contract termination date.
- 2.1.3. The total warranty period shall be 24 (twenty-four) months including the standard warranty period of 12 (twelve) months plus a 12 (twelve) month extended period.
- 2.1.4. The total warranty period shall cover all parts, labour and travel required due to any breakdown.
- 2.1.5. The Goods must be delivered by 31st March 2025.

#### (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 and Services to the site detailed in Table 1 – Premises and Locations ("Premises and Locations") or such other location as the Authority reasonably specifies from time to time.

Table 1 – Premises and Locations

Site	Address	Delivery Contact	Email and Contact Number
Cambridge	Pathology Building -		
University	Microbiology Level 6		
Hospital	Addenbrookes Hospital		
	Hills Road		
	Cambridge		
	CB2 0QQ		

- 2.2.2. All planned deliveries shall be pre-advised by the Supplier to the Authority's primary delivery contact stated in Table 1 (the "Delivery Contact") at least 2 (two) Business Days prior to attendance.
- 2.2.3. The Supplier shall provide the following data when notifying the Delivery Contact:
  - a. Supplier name;
  - b. Authority's PO Number;

- c. Item reference, Supplier's part code, description and quantity; and
- d. Any special instructions originally entered on the Authority's PO.
- 2.2.4. The Delivery Contact will confirm:
  - a. Booking reference number;
  - b. Date and time of delivery of Goods (where applicable); and
  - c. Delivery address.
- 2.2.5. Delivery of the Goods shall be considered to have occurred when the Delivery Contact (or other authorised representative of the Authority) at the Authority's nominated Premises and Location has signed the Supplier's delivery note confirming receipt.
- 2.2.6. The Supplier shall carry out deliveries within the ordinary working hours of a Business Day at the Premises and Location on the date specified on the PO unless otherwise agreed with the relevant Delivery Contact as stated in Annex A Order Specific Key Provisions, Clause 1.3.
- (2.3) Key personnel of the Supplier to be involved in the Goods / Services:

#### (2.4) Performance Standards/Key Performance Indicators:

- 2.4.1. The Supplier shall ensure the Goods and Services conform and perform to the Specification as shown in Appendix 2 Specification.
- 2.4.2. Timely delivery of the Goods in accordance with Section 2.7 below.
- 2.4.3. Proof of delivery of the Goods to be supplied.

#### (2.5) Quality standards:

- 2.5.1. If the 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 3 of the Call-Off Terms and Conditions.
- 2.5.3. Return Conditions:

- 2.5.3.1. For Rejected Goods:
  - a. The Supplier is responsible for collecting the Rejected Goods.
  - The Supplier is responsible for the costs of returning/collecting the Rejected Goods.
- 2.5.3.2 Return Conditions shall be in accordance with Schedule 2 Clause 3 (Inspection, rejection, return and recall of the Goods) of the Call Off Terms and Conditions.

#### (2.6) Contract monitoring arrangements:

2.6.1. The Supplier shall monitor the supply chain closely and will contact the Authority if the Supplier becomes aware of any disruptions the Supplier believes could impact on the delivery of the Goods in accordance with the ordering process.

#### (2.7) Management information and meetings:

- 2.7.1. At the Authority's request, within 5 (five) Business Days of such request, the Supplier shall provide any management information to the Authority as the Authority may reasonably request from time to time.
- 2.7.2. Examples of management information that can be requested, but not limited to, are:
  - Compliance to processes: Delivery and invoicing processes as stated in Annex 1 of this Order Form.
  - Quantity of Goods delivered against the relevant PO (including deliveries in excess and shortfall of the quantity ordered).
  - Quality of delivery of the Goods in accordance with the Call Off Terms and Conditions and this Contract (including delivery presentation, presented in such a way that it can be unloaded safely and in a ready for use condition, and damaged Goods).
  - Timely and accurate administration (including booking/amending delivery times, POs and invoices, delivery advice notes and labels being in accordance with the Call Off Terms and Conditions and this Contract).

#### 3. CONFIDENTIAL INFORMATION (if applicable)

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

- a. Supplier pricing.
- Contact details including, but not limited to, email addresses, landline / mobile phone numbers, etc. of Supplier representatives.
- c. 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 3 (three) 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:

Not Applicable.

#### 5. LEASE / LICENSE (if applicable)

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

Not Applicable.

For and on behalf of the Authority	For and on behalf of the Supplier

Date Signed: 21st March 2025 Date Signed: 21/03/2025

#### Annex A

#### **Order Specific Key Provisions**

#### 1. 1. Ordering Procedure

- 1.1 The Authority may, but shall not be obliged to, provide the Supplier with POs for Goods up to, but not cumulatively exceeding the Contract Price.
- 1.2 The Parties agree that where the Authority issues a Purchase Order whereby the delivery date required is at least 5 (five) Business Days after the date of the PO then Supplier shall fulfil such PO in its entirety. The period of one (1) week is adequate notice.
- 1.3 Where the Authority issues a PO whereby the delivery date required is less than 5 (five) Business Days after the date of the PO then the Supplier shall use its reasonable endeavours to fulfil such Purchase Order in its entirety. Where the Supplier is not able to fulfil such PO the Parties the Supplier shall advise the relevant Delivery Contact within 1 (one) Business Day as to when the PO can be fulfilled in its entirety and whether part shipment is possible. The Delivery Contact, in its sole discretion, shall agree any part shipment.
- 1.4 The Supplier shall as part and parcel of the delivery of the Goods provide to the Authority any relevant technical information, quality standard, testing and validation information, and any handling and storage information.
- 1.5 The Supplier warrants that any Goods that are shown to fail the Specification in accordance with clause 3.2 and/or 3.6 of the Call-Off Terms and Conditions, within the expiry date required for the Goods, are either replaced or, where the Authority no longer requires replacement Goods in accordance with clause 3.5 of the Call-Off Terms and Conditions the Authority, receives full credit for the Rejected Goods.

#### 2. Invoicing Terms

- 2.1. Payment terms are net 30 days from receipt of a valid invoice.
- 2.2. Following signature of the contract by both Parties, the Authority will send a unique PO number. The Supplier must be in receipt of a valid PO number before submitting an invoice.
- 2.2. The Supplier shall provide an invoice to the Authority for all Goods delivered to the

- 2.3. All invoices must be sent for approval and shall include the proof of delivery to the Authority's designated finance mailbox e-mail: and their agreed representative before being submitted for payment.
- 2.4. The Supplier shall provide compliant invoices that include, as a minimum, 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.
- 2.5. In support of Goods delivered, the Supplier shall provide to the Authority a signed delivery note confirming receipt of the Goods at the Authority's nominated Premises and Locations.
- 2.6. Supplier queries regarding payment must be forwarded to the Authority's Accounts Payable section by email to:
- 2.7. The Supplier shall provide a current statement of accounts on a quarterly basis; this is a standard commercial process and should show all invoices raised and amounts outstanding.

Appendix 1- Equipment and Pricing (ex VAT)

Product Code	ltem	Quantity	Price (£)
A34274	SEQSTUDIO GENETIC ANALYZER	1	
4443764	SW,SEQA, SS, VR, & GM (W ROYALTY) A software bundle that consists of Win10 compatible CE analysis SW (Sequencing Analysis SW 8, SeqScape 4.1, Variant Reporter 3.1, GeneMapper 6.1)	1	
A34684	SMARTSTART TRAINING - SEQSTUDIO	1	
ZG61SCSEQSTUDIO	EXTENDED WARRANTY, SEQSTUDIO EA	1	

#### Appendix 2 - Specification

#### SeqStudio Genetic Analyzer (A34274)

## applied biosystems

SPECIFICATION SHEET

# SeqStudio Genetic Analyzer

#### Key features

- · Integrated cartridge for minimal hands-on time (polymer, array, pump, anode buffer-all in one unit); helps reduce human error
- · Sanger sequencing and fragment analysis carried out on the same run
- Interactive touchscreen with easy-to-use interface
- Autocalibration
- · Wi-Fi or local area network (LAN) connectivity



SeqStudio Genetic Analyzer

- · Traceability and data security with an optional security, audit, and electronic signature (SAE) software module'
- Web-enabled remote monitoring and control capability\*\*
- · Tracking of consumables usage

Number of capillaries	14				
Number of dyes	6				
Sample format		rd plate and stands			
Applications		cing (next-generati fication, genome e		ation, indel analysis, heterozygote d	etection, minor variant detection,
	Fragment analy line authenticat		analysis, compatible with MLP/	A" PCR, Applied Biosystems" SNaf	Pshot" applications, cell
Dimensions (W x D x H)	49.5 x 64.8 x 4	4.2 cm			
Weight	53.6 kg	***************************************			
Power input	100-240 V				
Internal hard drive storage	128 GB, approx	amately 3,500 injection	tions or 14,000 reactions		
On-instrument tracking	Radio-frequenc	y identification (RF	(D)		
Secondary analysis	<ul> <li>Applied Blos</li> <li>Applied Blos</li> </ul>	ystems" Sequence ystems" SeqScape ystems" Variant Re ystems" GeneMap	e" Software • App porter" Software Per	olled Biosystems" Minor Variant Fin olled Biosystems" Analysis Module ak Scanner, Microsatellite Analysis, Connect platform	s (Quality Check, Variant Analysis,
and the second s	T uppe inchulact	: extended warrant	ties systemia		
Warranty	i year muuucu	, extended warran			
Warranty Training	The second secon	Annual Control of the	and the second s	cientist training and setup with Cor	nect platform and online Instrume
Training	SmartStart orie Management)	ntation (ncludes 1	and the second s		nect platform and online Instrume
April Control of the	SmartStart orie Management) Connect platfo	ntation (ncludes 1	day, on-site field application solled systems, Wi-Fi, and RJ-45		nect platform and online Instrume
Training  Communication interface  Configuration	SmartStart orie Management) Connect platfo	ntation (includes 1 rm with cloud-enab	day, on-site field application solled systems, Wi-Fi, and RJ-45		nect platform and online Instrume
Training  Communication interface  Configuration  Run module specifications	SmartStart orie Management) Connect platfo	intation (includes 1 rm with cloud-enab plianal desktop or	day, on-site field application solled systems, Wi-Fi, and RJ-45	6 Ethernet ports	nect platform and online Instrume
Training  Communication interface  Configuration  Run module specifications  Run module	SmartStart orle Management) Connect platfo Stand-alone; or	intation (includes 1 rm with cloud-enab plianal desktop or	-day, on-site field application a oled systems, Wi-Fi, and RJ-45 laptop computer	6 Ethernet ports	
Training  Communication interface  Configuration  Run module specifications  Run module  ShortSeq	SmartStart one Management) Connect platfor Stand-alone; or Bases (QV30 C	intation (includes 1 rm with cloud-enab plianal desktop or	day, on-site field application a pled systems, Wi-Fi, and RJ-45 laptop computer Samples*	6 Ethernet ports Approx	
Training  Communication interface	SmartStart one Management) Connect platfo Stand-alone; or Bases (QV30 0 350 bp	intation (includes 1 rm with cloud-enab plianal desktop or	-day, on-site field application solved systems, Wi-Fi, and FU-45 laptop computer Samples* 192	Elhernel ports  Approx 30 min	
Training  Communication interface Configuration  Run module specifications. Run module ShortSeq MediumSeq LongSeq	SmartStart orle Management) Connect platfor Stand-sions; or Bases (QV30: 0 350 bp	intation (includes 1 rm with cloud-enab plianal desktop or	-day, on-site field application s oled systems, Wi-Fi, and FU-42 listop computer Samples* 192 128	Approx 30 min 45 min	
Training  Communication interface Configuration  Run module specifications Run module ShortSeq MediumSeq LongSeq ShortSeq BDX	SmartStart orie Management) Connect platfor Stand-alone; or Bases (QV38 0 350 bp 500 bp 800 bp (QV20)	intation (includes 1 rm with cloud-enab plianal desktop or	day, on-site field application soled systems, Wi-Fi, and RJ-45 laptop computer  Samples*  192  128  48	Approx 30 min 45 min 52 hr	
Training  Communication interface Configuration  Run module specifications. Run module ShortSeq MediumSeq LongSeq ShortSeq BDX MediumSeq BDX MediumSeq BDX	SmartStart orle Management) Connect platfor Stand-sione; or Banes (QV38 0 350 bp 500 bp 800 bp (QV20) 350 bp	intation (includes 1 rm with cloud-enab plianal desktop or	-day, on-site field application soled systems, Wi-Fi, and FU-45 laptop computer  Samples*  192  128  48  172	Approx 30 min 45 min <2 hr 33 min	
Training  Communication interface Configuration  Run module specifications Run module ShortSeq MediumSeq	SmartStart orie Management) Connect platfo Stand-sione; or Bases (CV30 6 350 bp 500 bp (CV20) 350 bp 500 bp	intation (includes 1 rm with cloud-enab plianal desktop or	-day, on-site field application soled systems, Wi-Fi, and RJ-42 laptop computer  Samples*  192  128  48  172  120  48	Approx 30 min 45 min 45 min 45 min 20 hr	
Training  Communication interface Configuration  Run module specifications Run module ShortSeq MediumSeq LongSeq ShortSeq BDX MediumSeq BDX LongSeq BDX LongSeq BDX Run module	SmartStart orte Management) Connect platfor Stand-alone; of Stand-alone; of Bases (QV30 G 350 bp 500 bp 10V20) 350 bp 500 bp 10V20 B00 bp (QV20) Size range	ntation (includes 1 rm with cloud-read ptional desktop or	day, on-site field application soled systems, Wi-Fi, and FU-45 listop computer  Samples* 192 128 48 172 120	Approx 30 min 45 min 42 hr 33 min 45 min	imate run time String precision:
Training  Communication interface Configuration  Run module specifications. Run module ShortSeq MediumSeq LongSeq ShortSeq BDX MediumSeq BDX LongSeq BDX LongSeq BDX LongSeq BDX	SmartStart orie Management) Connect platfor Stand-alone; of Bases (QV30 C 350 bp 800 bp (QV20) 350 bp 500 bp 800 bp (QV20) 800 bp (QV20)	intation (includes 1 rm with cloud-enat ptional desktop or  CRL')  Samples <sup>1</sup>	-day, on-site field application a oled systems, Wi-Fi, and RJ-42 laptop computer Samples* 192 128 48 172 120 48 Approximate run time	Approx 30 min 45 min ≤2 hr 33 min 45 min 45 min 52 hr Sizing precision: 80-460 bp	Sizing precision: 451-500 bp, 800-800 bp



C348360 Version 1.0 Page 13 of 15

<sup>\*\*</sup> Feature not available if optional SAE software module enabled.

<sup>†</sup> Configuous rend length (CRL) is defined as the longest uninterrupted segment of bases, calculated over a sliding window of 21 bp.

I Samples calculated over a 24 hr time period. Each run (injection) has 4 samples, and 1 sample equals 1 reaction.

# applied biosystems

Capillary array length	28 cm*
Maximum number of injections/	Up to 125 injections/500 reactions or samples (Applied Biosystems" SegStudio" Cartridge v1)
reactions	Up to 250 injections/1,000 reactions or samples (SepStudio Cartridge V2)
Polymer type	Applied Biosystems" POP-1" polymer (for performing sequencing and fragment analysis)
Shelf life	4 months (SegStudio Cartridge v1) or 6 months (SegStudio Cartridge v2) after opening
Storage	2-8°C
On-instrument tracking	RED
Recycling	For more details, go to thermofisher.com/seqstudiorecycling
Optional desktop computer: mini	mum specifications
Memory	18-GB (2 x 8 GB), 1,600 MHz DDR3," non-ECC"
Processor	4th generation Intel Core" i7-4770S processor (Quad Core HT, 3.10 GHz turbo, 6 MB, with HD graphics 4600)
Hard drive	2 x 500 GB SATA 3.0 GB/sec and 8 MB data burst cache
Operating system	Microsoft" Windows" 10 system
Optional laptop computer: minim	um specifications
Memory	16 GB (2 x 8 GB), 2,400 MHz DDR41
Processor	6th generation Intel Core i5-6440HQ processor (Quad Core, 2.6 GHz; 6 MB cache)
Hard drive	M2.2 258 GB SATA Class 20 solid-state drive
Operating system	Microsoft Windows 10 system

<sup>\*</sup> Works with POP-1 polymer to resolve short and long reads.

#### Ordering information

Product	Cat. No.
SeqStudio Genetic Analyzer System with SmartStart	C-5000MMst
Includes: SegStudio Genetic Analyzer SegStudio Genetic Analysis Software 1-day SmartStart orientation for SegStudio Genetic Analyzer 1-year warranty	A35644
SeqSfudio Genetic Analyzer System with SmartStart plus 1-year extended warranty Includes all items from A35644 plus additional 1-year warranty	A35645
SeqStudio Genetic Analyzer System with SmartStart plus 3-year extended warranty Includes all items from A35644 plus additional 3-year warranty	A35846
SeqStudio Starter Kit	A35000
SegStudio Cartridge v1	A33671
SeqStudio Cartridge vZ	A41331
Cathode Buffer Container (4 pk)	A33401
Cathode Buffer Container Reservoir Septa (20 pli)	A35640
96-Well Plate Septa (20 pk)	A35641
B-Strip Tube Septia (24 pk)	A35843
Integrated Capillary Protector	A31923
IQ/OQ/IPV for SeqStudio fragment analysis	A34549
IQ/QQ/IPV for SeqStudio sequencing analysis	A34551
IIQ/OQ/IPV for SeqStudio fragment and sequencing analysis	A34530
SAE Administrator Console Software v2.0 (optional)	A46170

#### Find out more at thermofisher.com/seqstudio



For Research Use Only, Not for use in diagnostic procedures. © 2017–2020 Thermo Fisher Scientific Inc. All rights reserved. All molernarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. MLPA as a trademark of MRC-Hotland. Microsoft and Windows are trademarks of Microsoft Corporation. Intel Core is a trademark of Intel Corporation. COL23988 0320

<sup>\*\*</sup> DDR3 = double-data rate type 3, ECC = ecror-correcting orde. † DDR4 = double-data rate type 4.

#### Smart Start Training Example (A34684)

### Applied Biosystems<sup>™</sup> SeqStudio<sup>™</sup> Genetic Analyzer Smart Start Training

Course Introduction: This interactive course provides the fundamental knowledge necessary to operate your Applied Biosystems SeqStudio Genetic Analyzer System. The course is conducted at the customer's location and provides professional, interactive education that includes classroom training delivered by a Field Application Scientist (FAS) and hands-on instruction in the laboratory. Covered topics include instrument hardware, software, maintenance, and consumables introduction. An overview of applications and secondary analysis software will enable the user to confidently manage their data projects. Additionally, understanding your cloud enabled instrument(s) will allow greater flexibility in collecting, monitoring, analyzing and sharing data. Laboratory exercises include cloud connectivity, remote monitoring, Sequencing/Fragment or Cloud based analysis modules, run setup, and instrument run activities.

Content may vary depending on user's level of knowledge and experience. The FAS will communicate with the customer to ensure the content will meet their specific needs.

Length of the Course: 1-day training

Pre-Requisites: An Applied Biosystems SeqStudio System installed by a Thermo Fisher Scientific Service Engineer.

Ti	me	Topic <sup>1</sup>
9:00	10:00	SeqStudio Introduction/Connecting
10:00	11:30	Hands on/start a run
11:30	12:00	Plate Manager Overview/Set up plate record
12:00	13:00	Lunch
13:00	13:30	Review run data/start new run
13:30	14:00	SeqStudio Applications
14:00	14:30	Advanced Touchscreen features
14:30	16:00	Secondary Analysis
16:00	16:30	Troubleshooting Data
16:30	17:00	Q&A/ review consumables
***Sess	sions in grey	may require a room with a projector***

1-The agenda and content may vary depending on the level of knowledge and experience of the customer as well as new protocols launched over time.

For Research Use Only. Not for use in diagnostic procedures.

© 2017 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified.

