charles river

MICROBIAL SOLUTIONS

Microbial Solutions 2021 Catalog

Those who work in QC know that their job is more than a box to be checked, and that job can't be done effectively without confidence in the results they report. Tight timelines, regulatory demands, and stringent data integrity standards can make it hard to focus on what's really at stake in your QC process: the safety of your product and the lives of your patients.

Give your team and your patients the peace of mind they need. Choose microbial testing solutions that offer the efficiency, objectivity, and accuracy necessary to confidently deliver a safe therapeutic on time, every time.

Our Microbial Solutions portfolio of Endosafe® endotoxin testing, Celsis® rapid microbial detection, and Accugenix® microbial identification and strain typing products and services facilitate confident and objective decision making, ensuring the integrity of your microbial data and minimizing the risk to your patients. Like you, patient safety is at the core of what we do.

Endosafe® Endotoxin Testing:

- Endosafe® nexgen-PTS™
- Endosafe® nexgen-MCS™
- Endosafe® Nexus™
- Endosafe® LAL Cartridges

- Endotoxin Testing Instrumentation
- Endotoxin Testing Software
- LAL Reagents and Accessories

Celsis® Rapid Microbial Detection:

- Celsis® Advance II™
- Celsis® Accel®
- Celsis® Reagents

- Support Reagents and Consumables
- Celsis® Implementation and Validation Support
- Celsis® Accessories

Accugenix® Microbial Identification and Strain Typing:

- Microbial Identification Services
- Axcess® MALDI-TOF System

EVERY STEP OF THE WAY

Endosafe® nexgen-PTS™

Product Line	Product	Code
Endosafe® nexgen-PTS™	**Endosafe® nexgen-PTS™ instrument** Ethernet cable One-year warranty Power supply USB cable adapter Stylus	PTS150K
Endosafe® nexgen-PTS™	**Zebra ZQ620 and QLn320 printer paper**	PTS325
Endosafe® nexgen-PTS™ **Service and Support**	**Annual calibration certification serviced at Charles River**	PTS900
	On-demand repair services: Labor only	PTS903
Endosafe®-PTS™ **Service and Support**	**Annual calibration certification**	PTS500
	On-demand repair services: Labor only	PTS503

For spare or replacement parts, such as power cables and adapters, please contact your customer service representative.

Note: For additional information regarding services for your Endosafe®-PTS™, refer to the **Endosafe®-PTS™ End-of-Life Policy.**

Note: We will no longer provide on-site full service contracts for the Endosafe®-PTS™ (PTS100).

Endosafe® nexgen-MCS™

Product Line	Product	Code
Endosafe® nexgen-MCS™	**Endosafe® nexgen-MCS™ package** Endosafe® nexgen-MCS™ instrument EndoScan-V™ software Power supply Ethernet cable One-year warranty	MCS650K
Endosafe® nexgen-MCS™ **Service and Support**	**Annual qualification service**	MCS900
Endosafe®-MCS™ **Service and Support**	**Annual qualification service**	MCS500

For spare or replacement parts, such as power cables and adapters, please contact your customer service representative.

Note: For additional information regarding services for your Endosafe® -MCS™, refer to the **Endosafe® -MCS™ End-of-Life Policy**.

Endosafe® Nexus™

Product Line	Product	Code
Endosafe® Nexus™	**Nexus™ robotic system - 24 tube racks** nexgen-MCS™ instrument Nexus™ integrated software Computer Anti-static mat	MR65024K
	Nexus™ robotic system - 32 tube racks nexgen-MCS™ instrument Nexus™ integrated software Computer Anti-static mat	MR65032K
Endosafe® Nexus™ Accessories	**Anti-static/slip mat**	MR115
	Sterilized conductive 300 μL tips case (5,760 per case)	MR300
	Sterilized conductive 1 mL tips case (3,840 per case)	MR1000
Endosafe® Nexus™ Service and Support (nexgen-MCS™)	**Installation and qualification service**	MR902
	Annual maintenance and qualification service	MR900
	Full service contract including annual qualification	MR905
	Annual full service contract	MR900FS
	On-demand repair services: Labor only	MR903

For spare or replacement parts, such as power cables and adapters, please contact your customer service representative.

Endosafe® LAL Cartridges

Product Line	Product	Sensitivity EU/mL	Code
	10 single packs of cartridges (FDA-licensed)	5-0.05	PTS2005F
		1-0.01	PTS2001F
		0.5-0.005	PTS20005F
	Multi-packs of 25 cartridges 5/pouch (FDA-licensed)	5-0.05	PTS5505F
		1-0.01	PTS5501F
		0.5-0.005	PTS55005F
Endosafe® Glucan Assay Cartridges	**Beta-Glucan cartridges*** (10/pack)		RMMGS1000

* Not licensed by the FDA

Lot-specific Certificate of Analysis available via the Microbial Solutions Customer Portal.

Endotoxin Testing Instrumentation

Product Line	Product	Code
BioTek® Kinetic Plate Readers and Accessories	**BioTek® incubating microplate reader** (with 340, 405, 450, 490, 630 nm filters)	M200
	BioTek® filter	M500
	BioTek® bulb	M700
Kinetic Plate Readers Service and Support	**Annual qualification service**	TS500
	Microplate reader installation with IQ/OQ/PQ on-site	TS502

Endotoxin Testing Software

Product Line	Product	Code
EndoScan-V™ Software	**Endosafe® EndoScan-V™ software** (compatible with BioTek® and original Endosafe® and nexgen test instruments)	M1260
	Endosafe® EndoScan-V™ Client Manager	M1261
	EndoScan-V™ software validation package	TS600
Charles River Cortex™	**Charles River Cortex™ software**	M1600
	Charles River Cortex™ license/device authorization per Endosafe®-PTS™ (PTS100K) instrument	M1601
	Charles River Cortex™ license/device authorization per Endosafe® nexgen-PTS™ (PTS150K) instrument	M1602
	Charles River Cortex™ license/device authorization per Endosafe® MCS™ (MCS100K)	M1603
	Charles River Cortex™ license/device authorization per Endosafe® nexgen-MCS™ (MCS150K)	M1604
	Charles River Cortex™ license/device authorization for Plate Reader/Tube Reader	M1605
Charles River Cortex™ Service and Support	**IQ/OQ service**	AMC502S

LAL Reagents and Accessories

Product Line	Product	Sensitivity EU/mL		Code
Kinetic Turbidimetric LAL†	**KTA²** 50-test vial (5.2 mL) (used for kinetic testing only)		1 vial	R19000
	KTA 50-test vial (5.2 mL) Used for kinetic or gel clot assays	0.015	1 vial	R15015
		0.03	1 vial	R15003
		0.06	1 vial	R15006
Kinetic Chromogenic LAL† **(KCA)**	**Endochrome-K™** 3.2 mL vials		1 vial	R17100
	Endpoint chromogenic kit (140 test kit) 5 × 1.4 mL vials of chromogenic LAL 1 × 10 mg vial of chromogenic substrate S-2423 2 × 2 ng vials of endotoxin 2 × 30 mL vials of LAL reagent water 1 × 15 mL 0.05 M vial of Tris buffer			R160K

† Reserves of LAL reagents and matching Control Standard Endotoxin (CSE) are offered for a period of one year.

** Lot-specific Certificate of Analysis available via the Microbial Solutions Customer Portal.

Product Line	Product	Sensitivity EU/mL		Code
Endosafe® Gel-Clot LAL**†	**Gel-clot LAL** 50-test vial (5.2 mL)	0.015	1 vial	R15015
		0.03	1 vial	R15003
		0.06	1 vial	R15006
		0.125	1 vial	R11012
		0.25	1 vial	R11025
	Gel-clot LAL 10-test vial (1.2 mL)	0.03	1 vial	R12003
		0.06	1 vial	R12006
		0.125	1 vial	R12012
		0.25	1 vial	R12025
Endosafe® Gel-Clot LAL**† **(continued)**	**Gel-clot LAL single-test vial** (0.2 mL)	0.06	Pack of 50	R13006
		0.125	Pack of 50	R13012
Control Standard Endotoxin (CSE) E. coli	**CSE – 10 ng per vial****		1 vial	E120
	Positive control (for single test)		Pack of 25	PC100
Reference Standard Endotoxin (RSE)	**RSE USP – 10,000 EU per vial**		1 vial	E150

* This product line is not licensed by the FDA and may not be used for pharmaceutical release testing.

** Lot-specific Certificate of Analysis available via the Microbial Solutions Customer Portal.

*** Certificate of Quality included via the Microbial Solutions Customer Portal.

† Reserves of LAL reagents and matching Control Standard Endotoxin (CSE) are offered for a period of one year.

Product Line	Product		Code
LAL Reagent Water***	**30 mL bottle (<0.001 EU/mL)**	1 bottle	W130
	50 mL bottle (<0.001 EU/mL)	1 bottle	W120
	100 mL bottle (<0.001 EU/mL)	1 bottle	W110
	500 mL bottle (<0.001 EU/mL)	1 bottle	W150
LAL Buffers*	**5 mL 0.25 M Tris buffer**	1 vial	BT101
	30 mL 0.1 M Tris buffer	1 vial	BT103
	5.5 mL 0.1 M Tris buffer	1 vial	BT105
	30 mL 0.05 M Tris buffer	1 vial	BT106
	4 mL 0.5 M MgSO$_4$, 1 M Tris buffer	1 vial	BC1000
	5.2 mL endotoxin-specific buffer	1 vial	BG200
	30 mL bio-dispersing agent	1 vial	BD100
Endotoxin Indicators**	**10,000 EU**	Case of 12	EVV10K
	100,000 EU	Case of 12	EVV100K
	1 Million EU	1 vial	EVV1M
	2.5 Million EU	1 vial	EVV2.5M
	10 Million EU	1 vial	EVV10M
Tubes	**10 × 75 mm capped flint glass tubes**	Pack of 50	T100
	10 × 75 mm flint glass tubes, in foil	Pack of 50	T200
	13 × 100 mm borosilicate glass tubes, in foil	Pack of 50	T300
	10 × 75 mm borosilicate glass tubes, in foil	Pack of 50	T400
	8 × 75 mm borosilicate glass tubes	Pack of 50	T500
	16 × 90 mm screw-cap borosilicate glass tubes	Pack of 70	TL700
	16 × 160 mm screw-cap borosilicate glass tubes	Pack of 100	TL800

* Please contact Technical Support before using buffers. Additional buffers are available for specific testing needs.

** For dry heat oven validations

Product Line	Product		Code
Depyrogenated Glass Pipettes	**1 mL, in foil**	Box of 50	P100
	2 mL, in foil	Box of 50	P200
	5 mL, in foil	Box of 50	P500
	10 mL, in foil	Box of 50	P1000
96-Well Endosafe® Plates**	**96-well polystyrene plate (certified to 0.005 EU/mL)**	Case of 50	M9005

* Certificate of Quality not included.

** Tissue culture treated.

Celsis® Rapid Microbial Detection

Product Line	Product		Code
Celsis Advance II™	**Celsis Advance II™ system*** USB-serial cable Power supply Cuvette rack Reagent rack		7456004
Celsis Accel®	**Celsis Accel® system*** USB-serial cable Power supply Cuvette rack Reagent drip tray		7460288
Celsis® Software	**Celsis® Advance II.im software**		7404005
	Celsis® Accel.im software		7404010
Celsis® Reagents	**AMPiScreen® Pharma 400 assay kit**		RST400
	LumiScreen™ Health 100 assay kit		1230839
	LumiScreen™ Health 600 assay kit		1230941
Support Reagents	**ATP positive control kit**		1291483
	Daily wash & rinse kit		1290142N
	Monthly maintenance and cleaning kit		92828
Celsis® Qualified Consumables	**Celsis® Qualified Sterisart® NF Septum with 4 cm dual-needle** (for closed, septum-topped sample containers)	10 packages/case 2 disposables/package	16466CR-GSD
	Celsis® Qualified Sterisart® NF Septum with 5.2 cm dual-needle (for openable top sample containers such as ampoules, bottles, or bags)	10 packages/case 2 disposables/package	16467CR-GSD
	Celsis® Qualified Hardy Diagnostics Tryptic Soy Broth, USP, 100 mL Septum Top Glass Vial	Pack of 20	CM1010
	Celsis® Qualified Hardy Diagnostics Fluid Thioglycollate Medium, USP, 100 mL Septum Top Glass Vial	Pack of 20	CM1015
Celsis® Implementation & Validation Support	**Celsis® Complete, Sterility Service & Reports, Membrane Filtration**		VAL6000MF
	Celsis® Advantage, Sterility Protocols & Reports, Membrane Filtration		VAL6100MF

*Does not include software or installation. Please contact your local Charles River representative for a Celsis® system quotation that meets your needs.

Product Line	Product	Code
Celsis® Accessories	Celsis® priming cuvettes, 75 mm (1,000)	1280052
	Celsis® assay cuvettes, 55mm (1,000)	1280139
	Celsis® assay cuvettes, sterile, capped (400)	1280400
	150 mL containers (120 ct)	1280200
	Pipette 20 - 200 μL	91184
	Pipette 100 - 1000 μL	91192
	Pipette 5 - 50μL	91200
	Cuvette rack 80	92080
	ATP-free pipette tips, 200 μL (10 x 96 pcs)	93678
	ATP-free pipette tips, 1,000 μL (10 x 100 pcs)	93686
	Glass beads, 0.5 mm	AS9001
	Antifoam-B emulsion	AS9003
	Linear shaker, 115V	AS128001K
	Linear shaker, 230V	AS128002K
Celsis Advance II™ Service and Support	On-site basic preventive maintenance only	RD700B
	On-site standard	RD700S
	On-site premier	RD700P
Celsis Accel® Service and Support	On-site basic preventive maintenance only	RD500B
	On-site standard	RD500S
	On-site premier	RD500P
Additional Celsis® Instrument Service and Support	Training and installation/qualification (3 days)	TS0003
	Training and installation/qualification (per day)	TS0001
	On-demand repair services: Labor only	TSLABOR
	On-demand repair services: Travel	TSTRAVEL
Celsis Advance® Service and Support	On-site basic preventive maintenance only	RD600B

Accugenix® Microbial Identification Services

Product Line	Product	Turnaround Time	Code
AccuGENX-ID®	**AccuGENX-ID® bacteria (16S 500bp)** **DNA sequencing of the 16S rRNA gene in bacteria**	Same-day	BacSeq-0
		1-day	BacSeq-1
		2-day	BacSeq-2
		5-day	BacSeq-5
	AccuGENX-ID® fungi (ITS2) **DNA sequencing of the ITS2 rRNA region in fungi**	Same-day	FunITS-0
		1-day	FunITS-1
		2-day	FunITS-2
		5-day	FunITS-5
	AccuGENX-ID® ProSeq Protein-coding gene sequencing for closely related organism groups	1-day	PROSEQ-1
		5-day	PROSEQ-5
	Specialized Sequencing Reports Alignments, comparisons, and/or phylogenetic trees for customer-specified samples	2-day	CompSeq-2
AccuPRO-ID®	**AccuPRO-ID® MALDI-TOF microbial identification service for bacteria and yeast**	Same-day	AccuPRO-ID-0
		1-day	AccuPRO-ID-1
		2-day	AccuPRO-ID-2
		5-day	AccuPRO-ID-5
	AccuPRO-ID® MALDI-TOF microbial identification for filamentous fungi	5-day	AccuFUN-ID-5
AccuGENX-ST®	**AccuGENX-ST® sequence-based strain typing**	5-day	AccuGENX-ST-5
	AccuGENX-XGST® multi-locus sequence-based strain typing	5-day	AccuGENX-XGST-5
	MLST assay development fee	Inquire	SP-STF-01-10

a2LA ACCREDITED CERT #4123.03

a2LA ACCREDITED CERT #4123.03

Axcess® MALDI-TOF System

Product Line	Product	Code
Axcess® MALDI-TOF System	**Axcess® MALDI Biotyper CM package** Starter kit for MALDI-TOF MS Barcode scanner for MALDI Biotyper Reference physiocare pack (tips and pipettes) Software package MALDI Biotyper Compass HT Compliance Assistance Module	AXC550
	Axcess® MALDI Biotyper Smart CM package The Smart CM package includes all the features and accessories as the Axcess MALDI Biotyper CM package, with the added benefit of a fast solid-state Bruker smartbeam® laser and high performance vacuum system.	AXC650
Axcess® MALDI Biotyper-CM Reagents	**Bacterial test standard (BTS)**	AXC110
	Matrix HCCA	AXC150
	MSP 96 steel target plate	AXC9600
	MSP adapter for MALDI Biotarget	AXC4800AD
	MALDI Biotarget 96 disposable target plate 20/pk	AXC9600D
	Conidia IDFP fungi agar plates 20/pk	AXC320
Required with Purchase	**Axcess® Startup Package (Year 1)** The Axcess® Startup Package is available with the initial Axcess® instrument purchase. It includes the Bruker IQ/OQ/PQ, Charles River SQ/MV, and Axcess® authorization and licensing fee for one year.	AXC8000
	Annual licensing fee for Axcess® renewals (Year 2 and beyond)	AXC2002
Axcess® Service and Support*	**Annual OQ-PV with service agreement**	AXC400B
	Annual OQ-PV without service agreement	AXC404B
	Software qualification/methods validation	AXC502
	Warranty plus (additional instrument coverage during first year)	AXC700
	Complete CARE	AXC900
	Annual service contract gold	AXC1000
	Complete CARE priority	AXC1100
	On-Site Training (per day)	TS200

* Contact your Account Specialist to review coverage for each service package.

Contact Information

Charles River Laboratories Korea

korea-sales@crl.com

032-209-8101

www.criver.co.kr

Please visit **www.criver.com/microbialgroupterms** to review Microbial Solutions Terms and Conditions.