



CHOLESTEROL REFERENCE METHOD LABORATORY NETWORK (CRMLN)

LIST OF ANALYTICAL SYSTEMS & REAGENTS CERTIFIED FOR HDLC

Date Updated: March 2022

The Cholesterol Reference Method Laboratory Network (CRMLN) has certified the following systems as having documented traceability to the CDC Lipids Reference Laboratory for HDLC. Detailed description about the analytical system evaluated, including instrument, calibrator, and reagent information, along with contact information for each laboratory is listed in the following section. Certificates expire **two years** after the certification date

Ortho Clinical Diagnostics
Michael Castro
100 Indigo Creek Drive Building 313
Rochester, NY, USA
Phone: 585-453-5585

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Ortho Clinical Diagnostics VITROS® 350 Chemistry System	USA Ortho Clinical Diagnostics VITROS® 350 Chemistry System	Gen 26; Lot: 3276-9286	USA Ortho Clinical Diagnostics VITROS® 350 Chemistry System Gen 26; Lot: 3276-9286	2599	Venous Serum	7/27/2020	CEQAL Inc.	No
Ortho Clinical Diagnostics VITROS® XT 7600 Integrated System	USA Ortho Clinical Diagnostics VITROS® XT 7600 Integrated System	Gen 26; Lot: 3276-9286	USA Ortho Clinical Diagnostics VITROS® XT 7600 Integrated System Gen 26; Lot: 3276-9286	2599	Venous Serum	7/29/2020	CEQAL Inc.	No
Ortho Clinical Diagnostics VITROS® XT 3400 Chemistry System	USA Ortho Clinical Diagnostics VITROS® XT 3400 Chemistry System	Gen 26; Lot: 3276-9286	USA Ortho Clinical Diagnostics VITROS® XT 3400 Chemistry System Gen 26; Lot: 3276-9286	2599	Venous Serum	7/29/2020	CEQAL Inc.	No
Ortho Clinical Diagnostics VITROS® 5,1 FS Chemistry System	USA Ortho Clinical Diagnostics VITROS® 5,1 FS Chemistry System	Gen 26; Lot: 3276-9286	USA Ortho Clinical Diagnostics VITROS® 5,1 FS Chemistry System Gen 26; Lot: 3276-9286	2599	Venous Serum	7/29/2020	CEQAL Inc.	No
Ortho Clinical Diagnostics VITROS® 5600 Integrated System	USA Ortho Clinical Diagnostics VITROS® 5600 Integrated System	Gen 26; Lot: 3276-9286	USA Ortho Clinical Diagnostics VITROS® 5600 Integrated System Gen 26; Lot: 3276-9286	2599	Venous Serum	7/29/2020	CEQAL Inc.	No
Ortho Clinical Diagnostics VITROS® 4600 Chemistry System	USA Ortho Clinical Diagnostics VITROS® 4600 Chemistry System	Gen 26; Lot: 3276-9286	USA Ortho Clinical Diagnostics VITROS® 4600 Chemistry System Gen 26; Lot: 3276-9286	2599	Venous Serum	7/29/2020	CEQAL Inc.	No

Nova Biomedical
Martina Medkova
200 Prospect Street, Waltham, MA 02453
Waltham, MA, USA
Phone: (781)-647-3700 x1274

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Nova Biomedical Allegro	USA Nova Biomedical Allegro	20223030	USA Nova Biomedical Allegro 20223030	7GD029	SERUM	10/26/2020	CEQAL Inc.	No

Anhui Iprocom Biotech Co., Ltd. Biochemistry Standardization Laboratory
 Haigang, Liang
 Building 18, Liandong U Valley, Corner of Fanhua Street and Jilin Road,hefei,230000
 P.R.China, China
 Phone: 0551-65358887/18129830676

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
ABBOTT ABBOTT c16000 Chemistry Analyzer	China ABBOTT ABBOTT c16000 Chemistry Analyzer	2020072401	China ABBOTT ABBOTT c16000 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
Beckman Coulter AU680 Chemistry Analyzer	China Beckman Coulter AU680 Chemistry Analyzer	2020072401	China Beckman Coulter AU680 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
Beckman Coulter AU5800 Chemistry Analyzer	China Beckman Coulter AU5800 Chemistry Analyzer	2020072401	China Beckman Coulter AU5800 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
Anhui Iprocom Biotech Co., Ltd. EPNK600 Chemistry Analyzer	China Anhui Iprocom Biotech Co., Ltd. EPNK600 Chemistry Analyzer	2020072401	China Anhui Iprocom Biotech Co., Ltd. EPNK600 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
Hitachi Hitachi 7180 Chemistry Analyzer	China Hitachi Hitachi 7180 Chemistry Analyzer	2020072401	China Hitachi Hitachi 7180 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
Hitachi Hitachi Labospect 008 Chemistry Analyzer	China Hitachi Hitachi Labospect 008 Chemistry Analyzer	2020072401	China Hitachi Hitachi Labospect 008 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
SIEMENS SIEMENS ADVIA Chemistry XPT	China SIEMENS SIEMENS ADVIA Chemistry XPT	2020072401	China SIEMENS SIEMENS ADVIA Chemistry XPT 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
SIEMENS SIEMENS Atellica CH930 Chemistry Analyzer	China SIEMENS SIEMENS Atellica CH930 Chemistry Analyzer	2020072401	China SIEMENS SIEMENS Atellica CH930 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
TOSHIBA TOSHIBA TBA-FX8 Chemistry Analyzer	China TOSHIBA TOSHIBA TBA-FX8 Chemistry Analyzer	2020072401	China TOSHIBA TOSHIBA TBA-FX8 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
ABBOTT ABBOTT c16000 Chemistry Analyzer	China ABBOTT ABBOTT c16000 Chemistry Analyzer	2020072401	China ABBOTT ABBOTT c16000 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
Beckman Coulter AU680 Chemistry Analyzer	China Beckman Coulter AU680 Chemistry Analyzer	2020072401	China Beckman Coulter AU680 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
Beckman Coulter AU5800 Chemistry Analyzer	China Beckman Coulter AU5800 Chemistry Analyzer	2020072401	China Beckman Coulter AU5800 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Anhui Iprocom Biotech Co., Ltd. EPNK600 Chemistry Analyzer	China Anhui Iprocom Biotech Co., Ltd. EPNK600 Chemistry Analyzer	2020072401	China Anhui Iprocom Biotech Co., Ltd. EPNK600 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
Hitachi Hitachi 7180 Chemistry Analyzer	China Hitachi Hitachi 7180 Chemistry Analyzer	2020072401	China Hitachi Hitachi 7180 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
Hitachi Hitachi Labospect 008 Chemistry Analyzer	China Hitachi Hitachi Labospect 008 Chemistry Analyzer	2020072401	China Hitachi Hitachi Labospect 008 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
SIEMENS SIEMENS ADVIA Chemistry XPT	China SIEMENS SIEMENS ADVIA Chemistry XPT	2020072401	China SIEMENS SIEMENS ADVIA Chemistry XPT 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
SIEMENS SIEMENS Atellica CH930 Chemistry Analyzer	China SIEMENS SIEMENS Atellica CH930 Chemistry Analyzer	2020072401	China SIEMENS SIEMENS Atellica CH930 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No
TOSHIBA TOSHIBA TBA-FX8 Chemistry Analyzer	China TOSHIBA TOSHIBA TBA-FX8 Chemistry Analyzer	2020072401	China TOSHIBA TOSHIBA TBA-FX8 Chemistry Analyzer 2020072401	2020072401	Venous Serum	10/27/2020	Beijing Institute of Geriatrics	No

Abbott/Alere San Diego

Catherine Gugala
9995 Summers Ridge Rd.
San Diego, CA, USA
Phone: 858-805-3185

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Abbott Diagnostics, Technologies AS Afinion™	USA Abbott Diagnostics, Technologies AS Afinion™	10208391	USA Abbott Diagnostics, Technologies AS Afinion™ 10208391	10205104, 10205105	Plasma	11/23/2020	CEQAL Inc.	Yes
Abbott Diagnostics, Technologies AS Afinion™	USA Abbott Diagnostics, Technologies AS Afinion™	10208567	USA Abbott Diagnostics, Technologies AS Afinion™ 10208567	10208380, 10208381	Plasma	11/23/2020	CEQAL Inc.	Yes
Abbott Diagnostics, Technologies AS Afinion™	USA Abbott Diagnostics, Technologies AS Afinion™	10208567	USA Abbott Diagnostics, Technologies AS Afinion™ 10208567	10208380, 10208381	Plasma	11/23/2020	CEQAL Inc.	Yes
Abbott Diagnostics, Technologies AS Afinion™	USA Abbott Diagnostics, Technologies AS Afinion™	10208391	USA Abbott Diagnostics, Technologies AS Afinion™ 10208391	10205104, 10205105	Plasma	11/23/2020	CEQAL Inc.	Yes

Siemens Healthcare Diagnostics Inc.
Sheila Perez-Nunez
P.O Box 6101, ms 104, Newark, DE , 19714-6101
Newark, DE, USA
Phone: 302-631-9370

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Siemens Healthcare Diagnostics Inc. Atellica® CH 930 Analyzer EP13	Siemens Healthcare Diagnostics Inc.	201314	Siemens Healthcare Diagnostics Inc. HDL/LDL CAL	501872	Serum	2/3/2021	CEQAL Inc.	No

Siemens Healthcare Diagnostics

Justin Thomas

P.O Box 6101, ms 104, Newark, DE , 19714-6101

Newark, DE, USA

Phone: 302-631-6735

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Siemens Healthcare Diagnostics Inc. Atellica® CH 930 Analyzer EP13	Siemens Healthcare Diagnostics Inc. Atellica® CH HDLC	58253	Siemens Healthcare Diagnostics Inc. HDLC CAL	935RLQ	Serum	2/3/2021	CEQAL Inc.	No

Roche Diagnostics GmbH

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82377 Nonnenwald 2

Penzberg, Germany

Phone: -

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Roche Diagnostics GmbH Cobas c502	Roche Diagnostics GmbH HDLC3	44960001	Roche Diagnostics GmbH Cfas lipids	469280	Serum	2/24/2021	Erasmus MC	No
Roche Diagnostics GmbH Cobas c502	Roche Diagnostics GmbH HDLC4	44960001	Roche Diagnostics GmbH Cfas lipids	469280	Serum	2/24/2021	Erasmus MC	No

ACON laboratories, Inc.

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10125 Mesa Rim Road, San Diego, CA92121, USA

San Diego, CA, USA

Phone: 875-8021

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
ACON Laboratories, Inc Mission Cholesterol Monitoring System	ACON Laboratories, Inc Mission Cholesterol Test Device	OCH0100002	ACON Laboratories, Inc	201008	Fingertip blood	5/7/2021	Beijing Institute of Geriatrics	Yes
ACON Laboratories, Inc Mission Cholesterol Monitoring System	ACON Laboratories, Inc Mission Cholesterol Test Device	OCH0100002	ACON Laboratories, Inc	201008	Plasma	5/7/2021	Beijing Institute of Geriatrics	Yes
ACON Laboratories, Inc Mission Cholesterol Monitoring System	ACON Laboratories, Inc Mission Cholesterol Test Device	OCH0100002	ACON Laboratories, Inc	201008	Venous serum	5/7/2021	Beijing Institute of Geriatrics	Yes
ACON Laboratories, Inc Mission Cholesterol Monitoring System	ACON Laboratories, Inc Mission Cholesterol Test Device	OCH0100002	ACON Laboratories, Inc	201008	Whole blood	5/7/2021	Beijing Institute of Geriatrics	Yes

PTS Diagnostics (Polymer Technology Systems, Inc.)

Michelle Deal

4600 Anson Boulevard Whitestown, IN 46075

Whitestown, IN, USA

Phone: 870-5610 ext. 1102

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
PTS Diagnostics CardioChek Plus®	-	-	-	-	Whole Blood	7/8/2021	CEQAL Inc.	Yes
PTS Diagnostics CardioChek PA®	-	-	-	-	Whole Blood	7/8/2021	CEQAL Inc.	Yes

Reference System Department of Maccura Biotechnology Co.,Ltd

Fan Fei

No.8, Anhe 2nd Road, Hi-tech Zone, chengdu,611731

Chengdu, China

Phone: 15882109334

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
HITACHI 7180	Maccura HDL-C	321011	Maccura HDL-C	321011	Serum	7/27/2021	Beijing Institute of Geriatrics	No

Siemens Healthcare Diagnostics

Justin Thomas

P.O Box 6101, ms 104, Newark, DE , 19714-6101

Newark, DE, USA

Phone: 302-631-6735

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Siemens Healthcare Diagnostics Atellica® CH 930 Analyze	Siemens Healthcare Diagnostics Inc. Atellica® CH HDLC	807508	Siemens HDLC CAL	936RBR	Serum	44455	CEQAL Inc.	No

Reference System Department of Beijing Strong Biotechnologies, Inc.

Xiaojian Wang

No.15, Yanqi North Second Street, Yanqi Economic Development Area, Huairou District, Beijing, China

Beijing, China

Phone: +86 10 61667168~7372

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
HITACHI Fully automatic biochemical analyzer	Beijing Strong Biotechnologies, Inc Gcell High density lipoprotein cholesterol	21-0127	Beijing Strong Biotechnologies, Inc Gcell multi lipids calibrator	21-0129	serum	44478	Beijing Institute of Geriatrics	No

Sekisui Diagnostics P.E.I. Inc.

Cindy Tait

70 Watts Avenue, Charlottetown, PE C1E 2B9

Charlottetown, PE, USA

Phone: 628-0927

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Hitachi Medical Corp. Hitachi 911	Sekisui Diagnostics P.E.I. Inc. HDL Ultra Cholesterol Reagent	R1: 59944	Sekisui Diagnostics P.E.I. Inc. HDL Ultra Cholesterol Calibrator	57624	serum	44536	CEQAL Inc.	No

Siemens Healthcare Diagnostics Inc.
 Sheila Perez-Nunez
 P.O. Box 6101, M/S 104, Newark DE. 19714-6101
 Newark, DE, USA
 Phone: 302-631-9370

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Siemens Healthcare Diagnostics Inc. ADVIA® Chemistry Systems	Siemens Healthcare Diagnostics Inc. D-HDL	572639	Siemens Healthcare Diagnostics Inc. HDL/LDL Cholesterol Calibrator	538098	Serum	44546	CEQAL Inc.	No
Siemens Healthcare Diagnostics Inc. Dimension Vista® System	Siemens Healthcare Diagnostics Inc. HDLC (K3048A)	21214BA	Siemens Healthcare Diagnostics Inc. Lipid Calibrator	1FK083	Serum	44546	CEQAL Inc.	No
Siemens Healthcare Diagnostics Inc. Dimension® ExL™ clinical chemistry system	Siemens Healthcare Diagnostics Inc. AHDL(DF48B)	GB2235	Siemens Healthcare Diagnostics Inc. AHDL Calibrator	1GD029	Serum	44546	CEQAL Inc.	No