



CHOLESTEROL REFERENCE METHOD LABORATORY NETWORK (CRMLN)

LIST OF ANALYTICAL SYSTEMS & REAGENTS CERTIFIED FOR HDLC

Date Updated: April 2026

The Cholesterol Reference Method Laboratory Network (CRMLN) has certified the following systems as having documented traceability to the CDC Lipids Reference Laboratory for total cholesterol. 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.

Siemens Healthcare Diagnostics

Justin Thomas

P.O Box 6101, ms 104, 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® CI 1900 Analyzer	Siemens Healthcare Diagnostics Inc. Atellica ® CH HDLC	130353	Siemens HDLC CAL	64321	Serum	4/26/2024	CEQAL, Inc	-

Siemens Healthcare Diagnostics Inc.
Sheila Perez-Nunez
P.O Box 6101, ms 104, 19714-6101, Newark, DE
USA
Phone: (302) 540-5895 or MS teams
E-mail: sheila.perez-nunez@siemens-healthineers.com

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Siemens Healthcare Diagnostics Inc. Dimension Vista® Intelligent Lab System B01070100120R0	Siemens Healthcare Diagnostics Inc. HDLC (K3048A)	23296BA	Siemens Healthcare Diagnostics Inc. Lipid Calibrator	3MK087	Serum	5/21/2024	CEQAL, Inc	-
Siemens Healthcare Diagnostics Inc. Dimension® EXL™ with LM Integrated Chemistry System 100001	Siemens Healthcare Diagnostics Inc. AHDL (DF48B)	GA4324	Siemens Healthcare Diagnostics Inc. AHDL Calibrator	3KD068	Serum	5/21/2024	CEQAL, Inc	-
Siemens Healthcare Diagnostics Inc. ADVIA® 1800 Chemistry System CA12360006	Siemens Healthcare Diagnostics Inc. D-HDL	694-695	Siemens Healthcare Diagnostics Inc. ADVIA Chemistry HDL/LDL Cholesterol Calibrator	615812	Serum	5/28/2024	CEQAL, Inc	-

Medicon Hellas S.A.
Vasileios Trogkos
7 Melitona St., 15344 Gerakas, Attika
Greece
Phone: 0030 2106606132

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Diatron Medilyzer P500	Medicon Hellas SA HDL cholesterol reagent	2506	Medicon Hellas SA HDL calibrator	2303	Serum	7/9/2024	Erasmus MC	-

DENKA Co. Ltd., KAGAMIDA FACTORY

1359-1, Kagamida, Kigoshi, Gosen, 959-1695, Niigata

Japan

Phone: 0250-43-4111

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
JEOL Automatic Analyzer JEOL BM6050	DENKA HDL-EX SEIKEN	R1: 664041, R2: 124041	DENKA Lipid-Calibrator-D	44051	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-
HITACHI Automatic Analyzer 7180	DENKA HDL-EX SEIKEN	R1: 664041, R2: 124041	DENKA Lipid-Calibrator-D	44051	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-
HITACHI Automatic Analyzer 7180	DENKA HDL-RX SEIKEN	R1: RD-HA02, R2: RD-HB02	DENKA Lipid-Calibrator-D	23121	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-

SEKISUI MEDICAL Co., Ltd., Tsukuba Plant Ibaraki, Japan
Yoshinori Motoyama
3-1, Koyodai 3-chome, Ryugasaki, 301-0852, Ibaraki
Japan
Phone: 0297-62-7551

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Hitachi Medical Corporation Automatic Analyzer 7170	SEKISUI MEDICAL Co., Ltd. Cholestest N HDL	R1: 212REV, R2: 212REV	SEKISUI MEDICAL Co., Ltd Cholestest N Calibrator (K)	141REV	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-
Hitachi Medical Corporation Automatic Analyzer 7170	SEKISUI MEDICAL Co., Ltd. Cholestest N HDL	R1: 212REV, R2: 212REV	SEKISUI MEDICAL Co., Ltd Cholestest N Calibrator	141REV	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-
Hitachi Medical Corporation Automatic Analyzer 7180	SEKISUI MEDICAL Co., Ltd. Cholestest N HDL	R1: 212REV, R2: 212REV	SEKISUI MEDICAL Co., Ltd Cholestest N Calibrator (K)	141REV	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-
Hitachi Medical Corporation Automatic Analyzer 7180	SEKISUI MEDICAL Co., Ltd. Cholestest N HDL	R1: 212REV, R2: 212REV	SEKISUI MEDICAL Co., Ltd Cholestest N Calibrator	141REV	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-

Minaris Medical Co., Ltd.Fuji Plant
Hiroko Ichinose
600-1 Minami-ishiki Nagaizumi-cho, Sunto-gun, 411-0932, Shizuoka
Japan
Phone: 055-988-6014

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Hitachi Medical Corporation Automatic Analyzer 7180	Minaris Medical Co., Ltd. Metabolead HDL-C	R1:582ADE, R2:582ADE	Minaris Medical Co., Ltd. Metabolead Std Serum HDL/LDL-C	608ADD	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-
Hitachi Medical Corporation Automatic Analyzer 7180	Minaris Medical Co., Ltd. Determiner L HDL-C	R1:611ADE, R2:611ADE	Minaris Medical Co., Ltd. Determiner Std Serum HDL/LDL-C	608ADD	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-

FUJIFILM Corporation, Medical Systems Research & Development Center

Shinji Matsugi

6-1,Takata-cho,Amagasaki, 661-0963, Hyogo

Japan

Phone: 06-6499-9133

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Hitachi Medical Corporation Automatic Analyzer 7180	FUJIFILM Wako Pure Chemical Corporation L-Type wako HDL-C/M	R1: AR907,R2: AJ962	FUJIFILM Wako Pure Chemical Corporation Multi Calibrator Lipids	AE807	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-
Hitachi Medical Corporation Automatic Analyzer 7180	FUJIFILM Wako Pure Chemical Corporation L-Type wako HDL-C	R1: AM005, R2: AM007	FUJIFILM Wako Pure Chemical Corporation Multi Calibrator Lipids	AE807	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-
Beckman Coulter Automatic Analyzer DxC700AU	FUJIFILM Wako Pure Chemical Corporation L-Type HDL-C	R1: KN927, R2: KP695	FUJIFILM Wako Pure Chemical Corporation HDL-C Calibrator	KP638	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-
Beckman Coulter Automatic Analyzer DxC700AU	Beckman Coulter HDL-C OSR6287	2426	Beckman Coulter HDL-Cholesterol Calibrator ODC0011	1079A	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-

UMA Co.,Ltd.
Takeshi Yoshikai
2-19-6 Yokosuka Matsudo-city, 270-0031, Chiba-Pref.
Japan
Phone: 047 (710) 4871

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Hitachi Automatic Analyzer 7180	UMA Co.,Ltd. MEASURE HDL	R1 : 510ADF, R2 : 510ADF	UMA Co.,Ltd. Lipids Calibrator	120	Venous Serum	8/8/2024	National Cerebral and Cardiovascular Center, Department of Research Promotion, Lipid Reference Laboratory	-

QuidelOrtho
Scott H Holdaway
100 Indigo Creek Drive Building 313, Rochester, NY 14626
USA
Phone: 453-5574 (Cell 585.368.8618)

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
QuidelOrtho VITROS® 350 Chemistry System 3675	QuidelOrtho VITROS® Chemistry Product dHDL	1149-3312-1611	QuidelOrtho VITROS® Calibrator Kit 25	2573	Venous Serum	8/16/2024	CEQAL, Inc	-
QuidelOrtho VITROS®4600 Chemistry System 21	QuidelOrtho VITROS® Chemistry Product dHDL	1149-3312-1611	QuidelOrtho VITROS® Calibrator Kit 25	2573	Venous Serum	8/19/2024	CEQAL, Inc	-
QuidelOrtho VITROS® XT 3400 Chemistry System 111	QuidelOrtho VITROS® Chemistry Product dHDL	1149-3312-1611	QuidelOrtho VITROS® Calibrator Kit 25	2573	Venous Serum	8/22/2024	CEQAL, Inc	-
QuidelOrtho VITROS® 5600 Chemistry System 1281	QuidelOrtho VITROS® Chemistry Product dHDL	1149-3312-1611	QuidelOrtho VITROS® Calibrator Kit 25	2573	Venous Serum	8/22/2024	CEQAL, Inc	-
QuidelOrtho VITROS® XT 7600 Chemistry System 49	QuidelOrtho VITROS® Chemistry Product dHDL	1149-3312-1611	QuidelOrtho VITROS® Calibrator Kit 25	2573	Venous Serum	8/22/2024	CEQAL, Inc	-
QuidelOrtho VITROS® FS 5,1 Chemistry System 1602	QuidelOrtho VITROS® Chemistry Product dHDL	1149-3312-1611	QuidelOrtho VITROS® Calibrator Kit 25	2573	Venous Serum	8/28/2024	CEQAL, Inc	-

Abbott Rapid Diagnostics

Alysia Vazquez

9940 Mesa Rim Rd, San Diego CA 92121

USA

Phone: 6198406628

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Abbott Afinion 2 AF2	Abbott Lipid Panel	762034	Abbott	-	Serum	9/17/2024	CEQAL, Inc	Yes

Roche Diagnostics GmbH
Dr. Horst Klima
Nonnenwald 2, 82377 Penzberg
Germany
Phone: 498856605158

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Roche Diagnostics GmbH Cobas c502	Roche Diagnostics GmbH HDLC4	790 061	Roche Diagnostics GmbH Cfas Lipids	469280	Serum	10/17/2024	Erasmus MC	-

PTS Diagnostics (Polymer Technology Systems, Inc.)

Randall Cundiff

4600 Anson Boulevard, 46075, Whitestown, IN

USA

Phone: 793-1590

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
PTS Diagnostics CardioChek PA®	-	-	-	-	Whole Blood	1/6/2025	CEQAL, Inc	Yes
PTS Diagnostics CardioChek Plus®	-	-	-	-	Whole Blood	1/6/2025	CEQAL, Inc	Yes

Nova Biomedical
Martina Medkova
200 Prospect st, 02453, Waltham, MA
USA
Phone: (781)-647-3700 x 1274

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Nova Biomedical Allegro Allegro	Nova Biomedical Allegro LIPIDS Test cartridge	-	Nova Biomedical HDL Liquid calibrators	HD24	Serum	2/5/2025	CEQAL, Inc	Yes

Abbott Laboratories
Sinu Maliyil
1921 Hurd Drive, Irving, TX 75038
USA
Phone: 972-518-6656

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Abbott Laboratories Alinity C	Abbott Laboratories Ultra HDL	65825UQ02	Abbott Laboratories Alinity LipidMCC	3046CH	Serum	2/18/2025	CEQAL, Inc	-
Abbott Laboratories ARCHITECT cSystems c4000	Abbott Laboratories Ultra HDL	65838UQ02	Abbott Laboratories LipidMCC	3045CH	Serum	2/18/2025	CEQAL, Inc	-
Abbott Laboratories ARCHITECT cSystems c8000	Abbott Laboratories Ultra HDL	65838UQ02	Abbott Laboratories LipidMCC	3045CH	Serum	2/18/2025	CEQAL, Inc	-
Abbott Laboratories ARCHITECT cSystems c16000	Abbott Laboratories Ultra HDL	65838UQ02	Abbott Laboratories LipidMCC	3045CH	Serum	2/18/2025	CEQAL, Inc	-

Abbott Rapid Diagnostics

Alysia Vazquez

9940 Mesa Rim Rd, San Diego CA 92121

USA

Phone: 6198406628

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Alere LDX 14874MR	Alere Lipid Profile	442383	Alere Multianalyte Control	902962656	Serum	5/12/2025	CEQAL, Inc	Yes

ACON laboratories, Inc.
Bingchen Liu
10125 Mesa Rim Road, 92121, 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 CCM- 111	ACON Laboratories, Inc Mission Cholesterol Test Device	202412249	ACON Laboratories, Inc NA	201008	Venous serum	5/22/2025	Beijing Institute of Geriatrics	Yes

Siemens Healthcare Diagnostics Inc.
Peter Foote
P.O. Box 6101, M/S 104, 19714-6101, Newark, DE
USA
Phone: 267-584-1424

Instrument	Reagent	Reagent Lot(s)	Calibrator	Calibrator Lot(s)	Matrix	Certification Date	Network Laboratory	POC
Siemens Healthcare Diagnostics Inc. Atellica® CH Analyzer CM04935	Siemens Healthcare Diagnostics Inc. Atellica® CH HDLC	140432	Siemens Healthcare Diagnostics Inc. Atellica® CH HDLC CAL	65417	Serum	9/15/2025	CEQAL, Inc	-