

# Cholesterol Reference Method Laboratory Network

## List of Analytical Systems & Reagents Certified for LDL

The Cholesterol Reference Method Laboratory Network has certified the following systems as having documented traceability to the national reference system for cholesterol. Certification is valid for two years from the date of certification.

<b>B.M.L. Kawagoe Laboratory</b>	Instrument	JEOL Ltd.
	Reagent	SEKISUI MEDICAL Co., Ltd.
	Reagent Lot(s)	Cholestest LDL
	Calibrator	SEKISUI MEDICAL Co., Ltd.
	Calibrator Lot(s)	Cholestest N Calibrator
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>DENKA SEIKEN Co. Ltd., Kagamida Factory</b>	Instrument	JEOL
	Reagent	DENKA SEIKEN
	Reagent Lot(s)	LDL-EX(N) SEIKEN
	Calibrator	DENKA SEIKEN
	Calibrator Lot(s)	Lipid Calibrator
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>DENKA SEIKEN Co. Ltd., Kagamida Factory</b>	Instrument	HITACHI
	Reagent	DENKA SEIKEN
	Reagent Lot(s)	LDL-EX(N) SEIKEN
	Calibrator	DENKA SEIKEN
	Calibrator Lot(s)	Lipid Calibrator
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>DENKA SEIKEN Co. Ltd., Kagamida Factory</b>	Instrument	TOSHIBA
	Reagent	DENKA SEIKEN
	Reagent Lot(s)	LDL-EX(N) SEIKEN
	Calibrator	DENKA SEIKEN
	Calibrator Lot(s)	Lipid Calibrator
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>Kyowa Medex Co., Ltd., Fuji Plant</b>	Instrument	Hitachi High-Technologies
	Reagent	Kyowa Medex Co., Ltd.
	Reagent Lot(s)	Determiner L LDL-C
	Calibrator	Kyowa Medex Co., Ltd.
	Calibrator Lot(s)	Metabolead Standard Serum HDL/LDL-C
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>Kyowa Medex Co., Ltd., Fuji Plant</b>	Instrument	Hitachi High-Technologies
	Reagent	Kyowa Medex Co., Ltd.
	Reagent Lot(s)	Metabolead LDL-C
	Calibrator	Kyowa Medex Co., Ltd.
	Calibrator Lot(s)	Metabolead Standard Serum HDL/LDL-C
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>Roche Diagnostics</b>	Instrument	cobas® c311
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	15852201
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c501
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	15852201
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c701
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	15852401
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® Integra 400
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	15852201
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® Integra 800
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	15852201
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	MODULAR ANALYTICS D Module
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	R1=15851801 / R2=61898601
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	MODULAR ANALYTICS P Module
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	61898401
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c111
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	618922-01
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c111
	Reagent	LDL-Ch 3rd Generation
	Reagent Lot(s)	163325-01
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c311
	Reagent	LDL-Ch 3rd Generation
	Reagent Lot(s)	13390101
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c501
	Reagent	LDL-Ch 3rd Generation
	Reagent Lot(s)	13390101
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c701
	Reagent	LDL-Ch 3rd Generation
	Reagent Lot(s)	13390202
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	COBAS Integra 400
	Reagent	LDL-Ch 3rd Generation
	Reagent Lot(s)	13390101
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/14/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c311
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	15852201
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c501
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	15852201
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c701
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	15852401
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® Integra 400
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	15852201
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® Integra 800
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	15852201
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	MODULAR ANALYTICS D Module
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	R1=15851801 / R2=61898601
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	MODULAR ANALYTICS P Module
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	61898401
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c111
	Reagent	LDL-Ch 2nd Generation
	Reagent Lot(s)	618922-01
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c111
	Reagent	LDL-Ch 3rd Generation
	Reagent Lot(s)	163325-01
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c311
	Reagent	LDL-Ch 3rd Generation
	Reagent Lot(s)	13390101
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c501
	Reagent	LDL-Ch 3rd Generation
	Reagent Lot(s)	13390101
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	cobas® c701
	Reagent	LDL-Ch 3rd Generation
	Reagent Lot(s)	13390202
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Roche Diagnostics</b>	Instrument	COBAS Integra 400
	Reagent	LDL-Ch 3rd Generation
	Reagent Lot(s)	13390101
	Calibrator	C.f.a.s. Lipids
	Calibrator Lot(s)	175839
	Matrix	Serum
	Certification Date	04/17/2017
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.



<b>SEKISUI MEDICAL Co., Ltd., Tsukuba Plant</b>	Instrument	Beckman Coulter, Inc.
	Reagent	SEKISUI MEDICAL Co., Ltd.
	Reagent Lot(s)	LDL-C Reagent ST type
	Calibrator	SEKISUI MEDICAL Co., Ltd.
	Calibrator Lot(s)	LDL-C Calibrator(ST type)
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>SEKISUI MEDICAL Co., Ltd., Tsukuba Plant</b>	Instrument	Hitachi Medical Corporation
	Reagent	SEKISUI MEDICAL Co., Ltd.
	Reagent Lot(s)	Cholestest LDL
	Calibrator	SEKISUI MEDICAL Co., Ltd.
	Calibrator Lot(s)	Cholestest N Calibrator
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>SEKISUI MEDICAL Co., Ltd., Tsukuba Plant</b>	Instrument	Hitachi Medical Corporation
	Reagent	SEKISUI MEDICAL Co., Ltd.
	Reagent Lot(s)	Cholestest LDL
	Calibrator	SEKISUI MEDICAL Co., Ltd.
	Calibrator Lot(s)	Cholestest N Calibrator
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>SEKISUI MEDICAL Co., Ltd., Tsukuba Plant</b>	Instrument	Hitachi Medical Corporation
	Reagent	SEKISUI MEDICAL Co., Ltd.
	Reagent Lot(s)	Cholestest LDL
	Calibrator	SEKISUI MEDICAL Co., Ltd.
	Calibrator Lot(s)	Cholestest N Calibrator
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>Siemens Healthcare Laboratory Diagnostics</b>	Instrument	Dimension Xpand
	Reagent	Dimension ALDL, DF131
	Reagent Lot(s)	FA6337
	Calibrator	ALDL Calibrator, DC131
	Calibrator Lot(s)	5KD018
	Matrix	SERUM
	Certification Date	02/18/2016
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Siemens Healthcare Laboratory Diagnostics</b>	Instrument	Dimension Vista
	Reagent	Dimension LDLC, K3131
	Reagent Lot(s)	15218BC
	Calibrator	Lipid Calibrator, KC220A
	Calibrator Lot(s)	5HK086
	Matrix	SERUM
	Certification Date	02/18/2016
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Siemens Healthcare Laboratory Diagnostics</b>	Instrument	Dimension RxL
	Reagent	Dimension ALDL, DF131
	Reagent Lot(s)	FA6337
	Calibrator	ALDL Calibrator, DC131
	Calibrator Lot(s)	5KD018
	Matrix	SERUM
	Certification Date	02/18/2016
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>Siemens Healthcare Laboratory Diagnostics</b>	Instrument	Dimension ExL
	Reagent	Dimension ALDL, DF131
	Reagent Lot(s)	FA6337
	Calibrator	ALDL Calibrator, DC131
	Calibrator Lot(s)	5KD018
	Matrix	SERUM
	Certification Date	02/18/2016
	Network Laboratory	NW Lipid Metabolism and Diabetes Research Labs.

<b>SRL, Inc., MUQS laboratory</b>	Instrument	JEOL Ltd.
	Reagent	SEKISUI Medical Co., Ltd.
	Reagent Lot(s)	Cholestest LDL
	Calibrator	SEKISUI Medical Co., Ltd.
	Calibrator Lot(s)	Cholestest N Calibrator
	Matrix	Venous Serum
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>SYSMEX INTERNATIONAL REAGENTS CO., LTD.</b>	Instrument	Hitachi High-Technologies
	Reagent	Sysmex Corporation
	Reagent Lot(s)	LDL-C Reagent KL
	Calibrator	Sysmex Corporation
	Calibrator Lot(s)	Lipid Calibrator neo
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>UMA Co., Ltd.</b>	Instrument	HITACHI
	Reagent	UMA Co., Ltd.
	Reagent Lot(s)	Measure LDL
	Calibrator	UMA Co., Ltd.
	Calibrator Lot(s)	Lipids Calibrator
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>Wako Pure Chemical Industries, Ltd., Diagnostics Research Laboratories</b>	Instrument	Hitachi Medical Corporation
	Reagent	Wako Pure Chemical Industries, Ltd.
	Reagent Lot(s)	L-Type wako LDL-C
	Calibrator	Wako Pure Chemical Industries, Ltd.
	Calibrator Lot(s)	Multi Calibrator Lipid
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>Wako Pure Chemical Industries, Ltd., Diagnostics Research Laboratories</b>	Instrument	Hitachi Medical Corporation
	Reagent	Wako Pure Chemical Industries, Ltd.
	Reagent Lot(s)	L-Type wako LDL-C/M
	Calibrator	Wako Pure Chemical Industries, Ltd.
	Calibrator Lot(s)	Multi Calibrator Lipid
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>Wako Pure Chemical Industries, Ltd., Diagnostics Research Laboratories</b>	Instrument	BECKMAN COULTER
	Reagent	Wako Pure Chemical Industries, Ltd.
	Reagent Lot(s)	L-Type wako LDL-C/M
	Calibrator	Wako Pure Chemical Industries, Ltd.
	Calibrator Lot(s)	Multi Calibrator Lipid
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>Wako Pure Chemical Industries, Ltd., Diagnostics Research Laboratories</b>	Instrument	BECKMAN COULTER
	Reagent	Wako Pure Chemical Industries, Ltd.
	Reagent Lot(s)	L-Type LDL-C
	Calibrator	Wako Pure Chemical Industries, Ltd.
	Calibrator Lot(s)	LDL-C Calibrator
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center

<b>Wako Pure Chemical Industries, Ltd., Diagnostics Research Laboratories</b>	Instrument	Hitachi Medical Corporation
	Reagent	Wako Pure Chemical Industries, Ltd.
	Reagent Lot(s)	L-Type LDL-C
	Calibrator	Wako Pure Chemical Industries, Ltd.
	Calibrator Lot(s)	LDL-C Calibrator
	Matrix	
	Certification Date	08/03/2017
	Network Laboratory	National Cerebral and Cardiovascular Center