

List of NGSP Certified Methods
(updated 11/22, listed by date certified)

The NGSP has certified the following methods and reagents as having documented traceability to the Diabetes Control and Complications Trial Reference Method. Manufacturers are awarded Certificates of Traceability for successfully completing bias testing for specific methods, reagent lots, calibrator lots and instrumentation used. Traceability to the DCCT applies only to results from fresh blood samples. Analysis of processed (e.g. lyophilized) material may be subject to matrix effects and any comparisons to the DCCT using results from processed specimens should be made with caution.

The NGSP recommends that manufacturers certify their methods each year; the certificate of traceability expires after 1 year. During the year, it is the responsibility of the manufacturer to ensure that the results of their method remain consistent over time throughout the year and between lots. It is not the intent of the NGSP to certify each lot of reagents.

Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Horiba Medical	HbA1c WB Whole Blood – Pentra C400 $Y=(0.3379*X)+2.458$	Immuno- assay	Nov '22	2204101	2203201	0.00, 1.45, 3.29, 5.26, 9.35, 13.60 $\mu\text{mol/L}$ HbA1c; 68.29 $\mu\text{mol/L Hb}$	-	European Reference Lab ESRL #13
	HbA1c WB Hemolysate – Pentra C400 $Y=(0.3616*X)+2.323$	Immuno- assay	Nov '22	2204101	2203201	0.00, 1.51, 3.13, 4.88, 8.48, 12.21 $\mu\text{mol/L}$ HbA1c; 68.29 $\mu\text{mol/L Hb}$	-	European Reference Lab ESRL #13
	Pointe Hemoglobin A1c – Pentra C200 $Y=(1.037*X)+0.076$	Immuno- assay	Nov '22	117401	111001	0%, 5.2%, 8.9%, 12.6%, 15.6%	-	European Reference Lab ESRL #13
	HbA1c WB Hemolysate – Pentra C200 $Y=(0.2504*X)+2.136$	Immuno- assay	Nov '22	2204101	2203201	0.00, 1.85, 3.70, 6.14, 10.52, 14.68 $\mu\text{mol/L}$ HbA1c; 68.29 $\mu\text{mol/L Hb}$	-	European Reference Lab ESRL #13
	HbA1c WB Hemolysate – ABX Pentra 400 $Y=(0.323*X)+1.824$	Immuno- assay	Nov '22	2204101	2203201	0.00, 2.24, 3.87, 6.03, 9.79, 14.66 $\mu\text{mol/L}$ HbA1c; 68.29 $\mu\text{mol/L Hb}$	-	European Reference Lab ESRL #13
	HbA1c WB Whole Blood – ABX Pentra 400 $Y=(0.3057*X)+2.358$	Immuno- assay	Nov '22	2204101	2203201	0.00, 1.83, 3.71, 6.13, 10.49, 16.12 $\mu\text{mol/L}$ HbA1c; 68.29 $\mu\text{mol/L Hb}$	-	European Reference Lab ESRL #13
Biyong Technologies Co., Ltd.	Matrix-Assisted Laser Desorption Ionization Time of Flight Mass Spectrometry (MALDI-TOF MS)	MALDI- TOF MS	Nov '22	010310- 210901	010311- 210901 010311- 210901 010311- 210901	5.10%, 7.60%, 10.10%	-	Zhongshan Hospital ASRL#3

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Wells Bio, Inc.	Boronate Affinity on careSURE Analyzer 100	Boronate Affinity	Nov '22	BHB22F081 BHB22F281	-	-	-	ReCCS ASRL#1
Careium Medical Instruments Co., Limited	Cation-exchange chromatography on HbA1c Analyzer KH-101	Ion-exchange HPLC	Nov '22	20220812	150573A, 150575A	5.10%, 10.20%	20220926	Zhongshan Hospital ASRL#3
	Cation-exchange chromatography on HbA1c Analyzer T9	Ion-exchange HPLC	Nov '22	20220820	150573A, 150575A	5.10%, 10.20%	P170995012	Zhongshan Hospital ASRL#3
OSANG Healthcare Co., Ltd.	Frontier and HemoCue HbA1c 501	Boronate Affinity	Nov '22	F22I06I19E L	-	-	-	Univ. of Missouri. SRL #9
	Clover A1c Plus	Boronate Affinity	Nov '22	B22G16G27 EL	-	-	-	Univ. of Missouri. SRL #9
	Clover A1c, Clover A1c Self and Checkart	Boronate Affinity	Nov '22	A22I21I30E L	-	-	-	Univ. of Missouri. SRL #9
	Cover A1c Expert	Boronate Affinity	Nov '22	B22H30I15 EL	-	-	-	Univ. of Missouri. SRL #9
Biosurfit, S.A.	spinit HbA1c test on spinit C17	Boronate affinity	Nov '22	533_00	-	-	-	European Reference Lab ESRL#11
Everly Diagnostics	B00389 HbA1c on AU680 with red blood cell-serum strip-based cassettes	Immuno-assay	Oct '22	M104559, 1057	1057	0.174, 0.468, 0.839, 1.492, 2.180 mmol/L HbA1c; 14.4 mmol/L Hb	-	Univ. of Missouri. SRL #9
Beckman Coulter Ireland Inc.	HbA1c B00389 Manual Application on AU480	Immuno-assay	Oct '22	1058, 472137	1058	0.079, 0.280, 0.523, 0.919, 1.366 mmol/L HbA1c; 8.87 mmol/L Hb	-	European Reference Lab ESRL #13
	HbA1c B00389 Manual Application on AU680	Immuno-assay	Oct '22	1058, 472137	1058	0.079, 0.280, 0.523, 0.919, 1.366 mmol/L HbA1c; 8.87 mmol/L Hb	-	European Reference Lab ESRL #13
	HbA1c B00389 Manual Application on AU5800	Immuno-assay	Oct '22	1058, 472137	1058	0.079, 0.280, 0.523, 0.919, 1.366 mmol/L HbA1c; 8.87 mmol/L Hb	-	European Reference Lab ESRL #13
	HbA1c B00389 Manual Application on DXC700 AU	Immuno-assay	Oct '22	1058, 472137	1058	0.079, 0.280, 0.523, 0.919, 1.366 mmol/L HbA1c; 8.87 mmol/L Hb	-	European Reference Lab ESRL #13
	HbA1c B00389 Online Application on Dx700 AU	Immuno-assay	Oct '22	1058	1058	0.096, 0.283, 0.537, 0.920, 1.294 mmol/L HbA1c; 8.87 mmol/L Hb	-	European Reference Lab ESRL #13
Jiangsu Audicom Medical Technology Co., Ltd.	Ion-exchange chromatography on AC6601	Ion-exchange HPLC	Oct '22	220801-20, 220801-21, 220801-22, 220801-23, 220801-24	220801-26, 220801-27	5.80%, 11.90%	220801-48	Univ. of Missouri. SRL #9

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Changsha Sinocare Inc.	HbA1c Monitoring System on PCH- 50	Immuno- assay	Oct '22	22K0419	-	-	-	Zhongshan Hospital ASRL#3
	HbA1c Monitoring System on iCARE-1000	Immuno- assay	Oct '22	21P0809	-	-	-	Zhongshan Hospital ASRL#3
	HbA1c Monitoring System on iCARE-2000	Immuno- assay	Oct '22	21P0809	-	-	-	Zhongshan Hospital ASRL#3
	HbA1c Monitoring System on iCARE-2100	Immuno- assay	Oct '22	21P0809	-	-	-	Zhongshan Hospital ASRL#3
	HbA1c Monitoring System on iCARE-2200	Immuno- assay	Oct '22	21P0809	-	-	-	Zhongshan Hospital ASRL#3
Guangzhou Descheng Biotechnology Co., Ltd.	Immunofluores- cence Analyzer CHF200	Immuno- assay	Oct '22	062220201	-	-	-	Zhongshan Hospital ASRL#3
	Immunofluores- cence Analyzer CHF600	Immuno- assay	Oct '22	062220201	-	-	-	Zhongshan Hospital ASRL#3
Hunan Yonghe- Sun Biotechnology Co., Ltd.	Ion-exchange HPLC on YH- 30	Ion- exchange HPLC	Oct '22	20220408, 20220723	20220805, 20220805	5.40%, 9.30%	20220408, 20220723	Zhongshan Hospital ASRL#3
Shenzhen Xilaiheng Medical Electronics Co., Ltd.	High performance liquid chromatograph (HPLC) on H600 Full-Auto HbA1c Analyzer	Ion- exchange HPLC	Oct '22	220707024, 220707024, 220707024, 220707024,	929601-300, 929601-300	5.60%, 16.00%	BZ14645	Zhongshan Hospital ASRL#3
Shenzhen Superbio Technology Co., Ltd	HbA1c (Time- resolved Fluorescence Immunochromat ographic Assay) on EASY-11	Immuno- assay	Oct '22	2205G101, 2206G101, 2206G102	-	-	-	Zhongshan Hospital ASRL#3
ACON Laboratories, Inc. and Acon Biotech (Hangzhou) Co., Ltd.	On Call MultiPro System— HbA1c	Immuno- assay	Oct '22	OGHB2060 001	-	-	-	Zhongshan Hospital ASRL#3
	On Call A1c	Immuno- assay	Oct '22	gHb2050001	-	-	-	Zhongshan Hospital ASRL#3
VivaChek	Fluorescence Immunoassay on POCT Analyzer VIM01	Immuno- assay	Oct '22	SE2207043	-	-	-	Zhongshan Hospital ASRL#3

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VivaChek	Fluorescence Immunoassay on POCT Analyzer VIM2000	Immuno- assay	Oct '22	SE2206072	-	-	-	Zhongshan Hospital ASRL#3
Getein Biotech, Inc.	Immunofluorescence Assay on Getein 1100 Immunofluorescence Quantitative Analyzer	Immuno- assay	Oct '22	YBC221028	-	-	-	Zhongshan Hospital ASRL#3
	Immunofluorescence Assay on Getein 1600 Immunofluorescence Quantitative Analyzer	Immuno- assay	Oct '22	P009221042	-	-	-	Zhongshan Hospital ASRL#3
	Immunofluorescence Assay on Getein 1180 Immunofluorescence Quantitative Analyzer	Immuno- assay	Oct '22	A019220009	-	-	-	Zhongshan Hospital ASRL#3
	Colloidal Gold on FIA8600/8000 Quantitative Immunoassay Analyzer	Immuno- assay	Oct '22	6BC220002	-	-	-	Zhongshan Hospital ASRL#3
	Immunofluorescence Assay on Getein 208 Hand-held Integrated System	Immuno- assay	Oct '22	EBC220004	-	-	-	Zhongshan Hospital ASRL#3
Ailex Technology Group Co., Ltd.	Ion-exchange HPLC on AH- 600	Ion- exchange HPLC	Oct '22	211204AC1, 211204AC2, 220101YY3, 20220105	ZS9003, ZS9003	5.83%, 10.53%	2112C-0093	Zhongshan Hospital ASRL#3
JEOL Ltd.	BM Test HbA1c on JCA- BM6010/C	Enzymatic	Oct '22	861RDT, 862RDT, 857RJT	935RCT, 935RCT	3.01, 15.06 μmol/L HbA1c; 101.8, 155.6 μmol/L Hb	-	ReCCS ASRL#1
HORIBA Medical	Spotchem Banalyst HbA1c on SI-3620	Immuno- assay	Oct '22	2232JK0370	WC0071	0.0, 24.2, 50.9, 83.0, 124.5 mmol/mol	-	ReCCS ASRL#1
	Banalyst Ace HbA1c on Banalyst Ace	Immuno- assay	Oct '22	2232JK041A	WC0071	0.0, 24.2, 50.9, 83.0, 124.5 mmol/mol	-	ReCCS ASRL#1
	Spotchem Banalyst HbA1c on SI-3610	Immuno- assay	Oct '22	2232JK0370	WC0071	0.0, 24.2, 50.9, 83.0, 124.5 mmol/mol	-	ReCCS ASRL#1
	Banalyst HbA1c on Yumizen M100 Banalyst	Immuno- assay	Oct '22	2232JK041A	WC0071	0.0, 24.2, 50.9, 83.0, 124.5 mmol/mol	-	ReCCS ASRL#1

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Xiamen Biotime Biotechnology Co., Ltd.	Fluorescence Immunoassay on BIOT-YG-1 FIA Analyzer	Immuno- assay	Oct '22	Y2206022	-	-	-	Zhongshan Hospital ASRL#3
Goldsite Diagnostics Inc.	HbA1c on GSH- 60	Ion- exchange HPLC	Sept'22	9101220421A1, 91012220421A1, 9103220421A1	20220714A1	5.50%, 11.50%	-	Zhongshan Hospital ASRL#3
	HbA1c on A1c Go	Boronate affinity	Sept'22	320003220722	320003220520, 320003220520,	5.50%, 14.30%	-	Zhongshan Hospital ASRL#3
	HbA1c on GPP- 100	Immuno- assay	Sept'22	1072220707, 1072220707, 1072220707	20220713, 20220713, 20220713, 20220713	5.50%, 8.90%, 11.90%, 16.70%	-	Zhongshan Hospital ASRL#3
	HbA1c on Aristo	Immuno- assay	Sept'22	0572230517, 0572230517, 0572230517,	20220713, 20220713, 20220713, 20220713	5.50%, 8.90%, 11.90%, 16.70%	-	Zhongshan Hospital ASRL#3
	HbA1c on Omlipo	Immuno- assay	Sept'22	0372230417, 0372230417, 0372230417	20220713, 20220713, 20220713, 20220713	5.50%, 8.90%, 11.90%, 16.70%	-	Zhongshan Hospital ASRL#3
Tosoh Corporation	HLC-723GR01 Standard Long Mode	Ion- exchange HPLC	Sept'22	AR-101X, AR-201X, R-301X, HW-09H	JS1001	5.87%, 11.07%	A	Univ. of Missouri. SRL #9
	HLC-723GR01 Standard Short Mode	Ion- exchange HPLC	Sept'22	AR-101X, AR-201X, R-301X, HW-09H	JS1001	5.87%, 11.07%	A	Univ. of Missouri. SRL #9
Ortho Clinical Diagnostics	A1C1 on Vitros XT 3400	Enzymatic	Sept'22	8731	3311	4.06%, 6.77%, 13.47%	-	Univ. of Missouri. SRL #9
	A1C1 on Vitros XT 4600	Enzymatic	Sept'22	8731	3311	3.96%, 6.43%, 13.28%	-	Univ. of Missouri. SRL #9
	A1C1 on Vitros XT 5600	Enzymatic	Sept'22	8731	3311	3.96%, 6.43%, 13.28%	-	Univ. of Missouri. SRL #9
	A1C1 on Vitros XT 7600	Enzymatic	Sept'22	8731	3311	4.06%, 6.77%, 13.47%	-	Univ. of Missouri. SRL #9
Boditech Med Inc.	HbA1c on Neo EZ POC	Immuno- assay	Sept'22	AASBA06EX	111001	5.5%, 8%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c on QDx Instacheck	Immuno- assay	Sept'22	AASCX07	111001	5.5%, 8%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c Neo on QDx Instacheck	Immuno- assay	Sept'22	AASBA06EX	111001	5.5%, 8%, 10.4%, 12.5%	-	ReCCS ASRL#1
EKF Diagnostics GmbH	^t Boronate- Affinity Quo- Test HbA1C	Boronate affinity	Sept '22	020708	-	-	-	European Reference Lab ESRL #11
	^t Boronate- Affinity Quo- Lab HbA1C	Boronate affinity	Sept '22	026094	-	-	-	European Reference Lab ESRL #11
Human Gesellschaft fuer Biochemica und Diagnostica mbH	^t Boronate- Affinity HumaMeter HbA1c	Boronate affinity	Sept '22	026099	-	-	-	European Reference Lab ESRL #11
Agappe Diagnostics Ltd.	ⁿ Nephelometry on Specific Protein Analyzer Mispa i2	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.80%, 9.30%, 13.60%, 16.10%	-	European Reference Lab ESRL#10

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Agappe Diagnostics Ltd.	¹ Nephelometry on cartridge based Specific Protein Analyzer Mispa i3	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.80%, 9.30%, 13.60%, 16.10%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on TMS 30i	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.80%, 9.30%, 13.60%, 16.10%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on TBA-120FR	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.80%, 9.30%, 13.60%, 16.10%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on TBA-25FR	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.80%, 9.30%, 13.60%, 16.10%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on Mispa Viva	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.80%, 9.30%, 13.60%, 16.10%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on Mispa Plus	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.80%, 9.30%, 13.60%, 16.10%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on Mispa CCXL	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	6.40%, 9.20%, 14.70%, 17.20%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on Mispa CX4	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.70%, 9.10%, 13.60%, 17.00%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on Mispa CXL Pro Plus	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.70%, 9.10%, 13.60%, 17.00%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on Mispa CXL Pro	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.70%, 9.10%, 13.60%, 17.00%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on Mispa Clinia Plus	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.80%, 9.30%, 13.60%, 16.10%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on BS 390	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.80%, 9.30%, 13.60%, 16.10%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on Mispa Nano	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	6.30%, 9.70%, 14.20%, 17.00%	-	European Reference Lab ESRL#10
	¹ AgA1c (Immunoturbidi metric method) on Mispa Nano Plus	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	5.80%, 9.30%, 13.60%, 16.10%	-	European Reference Lab ESRL#10

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Agappe Diagnostics Ltd.	'AgA1c (Immunoturbidi metric method) on MispA Ace	Immuno- assay	Sept '22	42010176, 42010177, 11070081	42020130, 42020131, 42020132, 42020133	6.30%, 9.70%, 14.20%, 17.00%	-	European Reference Lab ESRL#10
Apex Biotechnology Corp.	Immunoagglutin ation on Eclipse PLUS	Immuno- assay	Sept '22	AS2031	-	-	-	ReCCS ASRL#1
	Immunoagglutin ation on Eclipse A1c	Immuno- assay	Sept '22	S20401	-	-	-	ReCCS ASRL#1
Minaris Medical Co., Ltd.	MetaboLead HbA1c on DM- JACK	Immuno- assay	Sept '22	506ABE, 506ABE	504ABC	2.60, 9.78 µmol/L HbA1c; 84.4, 120.9 µmol/L Hb	-	ReCCS ASRL#1
	MetaboLead HbA1c on JCA- BM9130	Immuno- assay	Sept '22	506ABE, 506ABE	504ABC	2.60, 9.78 µmol/L HbA1c; 84.4, 120.9 µmol/L Hb	-	ReCCS ASRL#1
	MetaboLead HbA1c on TBA- 120FR	Immuno- assay	Sept '22	506ABE, 506ABE	504ABC	2.60, 9.78 µmol/L HbA1c; 84.4, 120.9 µmol/L Hb	-	ReCCS ASRL#1
	MetaboLead HbA1c on Hitachi 7180	Immuno- assay	Sept '22	506ABE, 506ABE	504ABC	2.60, 9.78 µmol/L HbA1c; 84.4, 120.9 µmol/L Hb	-	ReCCS ASRL#1
	MetaboLead HbA1c on LABOSPECT 006	Immuno- assay	Sept '22	506ABE, 506ABE	504ABC	2.60, 9.78 µmol/L HbA1c; 84.4, 120.9 µmol/L Hb	-	ReCCS ASRL#1
Furuno Electric Co. Ltd.	Centronic HbA1c Turbidimetric immunoassay on CA-800	Immuno- assay	Sept '22	HF04221F1- 206, HF04221F1- 206, HF04221ALY -201	211501	0%, 5.7%, 8.3%, 11.4%, 15.5%	-	ReCCS ASRL#1
JW Bioscience	Immuno assay on JCA- BM6010/C	Immuno- assay	Aug '22	201 (JW reagent)	Cal201	5.6%, 8.6%, 11.9%, 15.5%	-	ReCCS ASRL#1
Human Gesellschaft für Biochemica und Diagnostica mbH	HumanNex A1c	Ion- exchange HPLC	Aug '22	220509, 220509, 220509	20211220, 20211220	5.69%, 10.95%	220509	Univ. of Missouri. SRL #9
Shanghai Medconn Medical Technology Co. Ltd (China)	HPLC on MQ- 2000PT	Ion- exchange HPLC	Aug '22	PTHbA1c211 018F, PTHbA1c211 018F, PTHbA1c211 018F,	20210113, 20210113	5.71%, 11.04%	PTHbA1c21 1018F	Univ. of Missouri. SRL #9
	HPLC on MQ- 3000	Ion- exchange HPLC	Aug '22	3K20211115C, 3K20211115C, 3K20211115C	20220223, 20220223	5.74%, 11.02%	3K20211115C	Univ. of Missouri. SRL #9
	HPLC on MQ- 3000PT	Ion- exchange HPLC	Aug '22	3K20211115C, 3K20211115C, 3K20211115C	20220223, 20220223	5.74%, 11.02%	3K20211115C	Univ. of Missouri. SRL #9

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Shanghai Medconn Medical Technology Co. Ltd (China)	HPLC on MQ- 6000	Ion- exchange HPLC	Aug '22	20220530K, 20220530K, 20220530K, 20220530K,	20211221, 20211221	5.39%, 10.72%	20220530K	Univ. of Missouri. SRL #9
	HPLC on MQ- 8000	Ion- exchange HPLC	Aug '22	6KV20220223H, 6KV20220223H, 6KV20220223H, 6KV20220223H	20210113, 20210113	5.56%, 10.88%	6KV20220223H	Univ. of Missouri. SRL #9
	HPLC on MQ- 8000PT	Ion- exchange HPLC	Aug '22	6KV20211116F, 6KV20211116F, 6KV20211116F, 6KV20211116F	20210113, 20210113	5.51%, 10.72%	6KV20211116F	Univ. of Missouri. SRL #9
	Latex agglutination on AU5800	Immuno- assay	Aug '22	02HbA1c21 0702	211222	0.0%, 5.3%, 9.4%, 13.1%, 17.0%	-	Univ. of Missouri. SRL #9
Shinva Medical Instrument Co., Ltd.	SGH-200	Ion- exchange HPLC	July '22	202201, 202201	202201, 202201	5.00%, 8.90%	220404	Zhongshan Hospital ASRL#3
Boditech Med Inc.	HbA1c Neo on AFIAS-1	Immuno- assay	July '22	AASCA04X	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c Neo on AFIAS-3	Immuno- assay	July '22	AASCA04X	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c Neo on AFIAS-6	Immuno- assay	July '22	AASCA04X	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c Neo on AFIAS-10	Immuno- assay	July '22	AASCA04X	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c Neo on ichroma II	Immuno- assay	July '22	AASBA06EX	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c Neo on ichroma III	Immuno- assay	July '22	AASBA06EX	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c Neo on ichroma -50 PLUS	Immuno- assay	July '22	AASBA06EX	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c Neo on ichroma M3	Immuno- assay	July '22	AASBA06EX	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c Neo on ichroma Reader	Immuno- assay	July '22	AASBA06EX	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c on AFIAS-1	Immuno- assay	July '22	AASAB84F	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c on AFIAS-3	Immuno- assay	July '22	AASAB84F	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c on AFIAS-6	Immuno- assay	July '22	AASAB84F	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c on AFIAS-10	Immuno- assay	July '22	AASAB84F	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c on ichroma II	Immuno- assay	July '22	AASCX07	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c on ichroma III	Immuno- assay	July '22	AASCX07	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c on ichroma M3	Immuno- assay	July '22	AASCX07	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c on ichroma -50 PLUS	Immuno- assay	July '22	AASCX07	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1
	HbA1c on ichroma Reader	Immuno- assay	July '22	AASCX07	111001	5.5%, 8.0%, 10.4%, 12.5%	-	ReCCS ASRL#1

List of NGSP Certified Methods (Updated 11/22, listed by date certified)

Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Instrumentation Laboratory	HbA1c Enzymatic (Manual pretreatment) on Ilab Taurus (%NGSP=HbA1c/T Hb*91.48+2.152)	Enzymatic	July '22	I0622200	I0622201, I0622201	2.99, 15.76 μmol/L HbA1c; 102.8, 158.4 μmol/L Hb	-	European Reference Lab ESRL#16
	HbA1c Enzymatic (Manual pretreatment) on Ilab Aries (%NGSP=HbA1c/T Hb*91.48+2.152)	Enzymatic	July '22	I0622200	I0622201, I0622201	2.99, 15.76 μmol/L HbA1c; 102.8, 158.4 μmol/L Hb	-	European Reference Lab ESRL#16
	HbA1c Enzymatic (Automatic pretreatment) on Ilab Taurus (%NGSP=HbA1c/T Hb*91.48+2.152)	Enzymatic	July '22	I0622200	I0622201, I0622201	2.99, 15.76 μmol/L HbA1c; 102.8, 158.4 μmol/L Hb	-	European Reference Lab ESRL#16
CareforU.Co.Ltd	CareBuddy Multi/ CareBuddy HbA1c/ HUBI DIA/ HUBI A1c)	Boronate Affinity	July '22	CDC122E09	-	-	-	European Reference Lab ESRL#10
GC Medical Science' Corp.	Boronate Affinity on Greencare A1c	Boronate Affinity	July '22	R12D061K	-	-	-	Univ. of Missouri. SRL #9
	Boronate Affinity on Arkray Pocket Chem A1c Advanced	Boronate Affinity	July '22	R12D061K	-	-	-	Univ. of Missouri. SRL #9
	Boronate Affinity on Diasys India QDx A1c Advance	Boronate Affinity	July '22	R12D061K	-	-	-	Univ. of Missouri. SRL #9
	Boronate Affinity on Medisys Hemo G Smart Analyzer	Boronate Affinity	July '22	R12D061K	-	-	-	Univ. of Missouri. SRL #9
Wuxi Biohermes Bio & Medical Technology Co., Ltd.	Boronate Affinity on A1c EZ 2.0 Glycohemoglobi n Analysis System	Boronate Affinity	July '22	CAP220301 111	-	-	-	Zhongshan Hospital ASRL#3
	Boronate Affinity on A1cChek Express Glycohemoglobi n Analysis System	Boronate Affinity	July '22	EAZ220523 011	-	-	-	Zhongshan Hospital ASRL#3
	Boronate Affinity on A1cChek Pro Glycohemoglobi n Analysis System	Boronate Affinity	July '22	CAV220606 011	-	-	-	Zhongshan Hospital ASRL#3

List of NGSP Certified Methods (Updated 11/22, listed by date certified)

Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Wuxi Biohermes Bio & Medical Technology Co., Ltd.	Ion-exchange HPLC on BH60 Automatic Glycohemoglobin Analysis System	Ion-exchange HPLC	July '22	CHI2204270 11AD	CHW22021 401	5.03%, 10.41%	CHD224100 22AD	Zhongshan Hospital ASRL#3
	Boronate Affinity on GluCoA1c Blood Glucose and Glycohemoglobin Analysis System	Boronate Affinity	July '22	EAG220505 111	-	-	-	Zhongshan Hospital ASRL#3
Arkray Inc.	CinQ HbA1c on JCA-ZS050 HbA1c HbA1c%(NGSP)=0.0915*HbA1c/Hb*1000(IFCC)+2.15	Enzymatic	June '22	MFA23, MFE22	CAC0K25	2.73, 6.94 μmol/L HbA1c; 95.3 μmol/L Hb	-	ReCCS ASRL#1
	CinQ HbA1c on JCA-BM9130 HbA1c HbA1c%(NGSP)=0.0915*HbA1c/Hb*1000(IFCC)+2.15	Enzymatic	June '22	MFA23, MFE22	CAC0K25	2.73, 6.94 μmol/L HbA1c; 95.3 μmol/L Hb	-	ReCCS ASRL#1
	CinQ HbA1c on LABOSPECT006 HbA1c HbA1c%(NGSP)=0.0915*HbA1c/Hb*1000(IFCC)+2.15	Enzymatic	June '22	HLS33	CAC0K25	2.73, 6.94 μmol/L HbA1c; 95.3 μmol/L Hb	-	ReCCS ASRL#1
	CinQ HbA1c on TBA-120FR HbA1c HbA1c%(NGSP)=0.0915*HbA1c/Hb*1000(IFCC)+2.15	Enzymatic	June '22	MFA23, MFE22	CAC0K25	2.73, 6.94 μmol/L HbA1c; 95.3 μmol/L Hb	-	ReCCS ASRL#1
Sebia	Capillary HbA1c on Capillary 2 Flex Piercing %NGSP=0.0914 8 x [IFCC] (mmol/mol) + 2.152	Capillary Electrophoresis	June '22	28091/01, 13010/01, 23081/01	05030/01, 06030/01	35.8, 85.9 mmol/mol	-	European Reference Lab ESRL#10
	Minicap HbA1c %NGSP=0.0914 8 x [IFCC] (mmol/mol) + 2.152	Capillary Electrophoresis	June '22	06071/01, 12071/01, 15071/01	15041/01, 16041/01	36.5, 87.1 mmol/mol	-	European Reference Lab ESRL#10
	CAPI 3 HbA1c on Capillary 3 %NGSP=0.0914 8 x [IFCC] (mmol/mol) + 2.152	Capillary Electrophoresis	June '22	08061/80, 30081/01, 24032/01	15041/01, 16041/01	36.5, 87.1 mmol/mol	-	European Reference Lab ESRL#10
Ortho Clinical Diagnostics	%A1c on Vitros 5,1 FS	Immunoassay	June '22	9647	3132	0.169, 0.839, 1.705, 3.786 g/dL HbA1c; -0.695, 3.034, 7.385, 16.166 g/dL Hb	-	Univ. of Missouri. SRL #9

List of NGSP Certified Methods (Updated 11/22, listed by date certified)

Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Ortho Clinical Diagnostics	%A1c on Vitros 4600	Immuno- assay	June '22	9647	3132	0.165, 0.843, 1.719, 3.704 g/dL HbA1c; -0.695, 3.034, 7.385, 16.166 g/dL Hb	-	Univ. of Missouri. SRL #9
	%A1c on Vitros 5600	Immuno- assay	June '22	9647	3132	0.165, 0.843, 1.719, 3.704 g/dL HbA1c; -0.695, 3.034, 7.385, 16.166 g/dL Hb	-	Univ. of Missouri. SRL #9
	%A1c on Vitros 7600	Immuno- assay	June '22	9647	3132	0.165, 0.843, 1.719, 3.704 g/dL HbA1c; -0.695, 3.034, 7.385, 16.166 g/dL Hb	-	Univ. of Missouri. SRL #9
Siemens Healthcare Diagnostics	DCA Vantage	Immuno- assay	June '22	0942032, 0948032	-	-	-	Univ. of Missouri. SRL #9
Roche Diagnostics GmbH	TQ HbA1c Gen. 3 on cobas c 501 / c 502 (HbA1c/Hb*91. 5+2.15)	Immuno- assay	June '22	614165, 592643	538206	0.130, 0.333, 0.659, 0.919, 1.257, 1.795 mmol/L HbA1c; 1.379, 7.438 mmol/L Hb	-	European Reference Lab ESRL #13
	TQ HbA1c Gen. 3 Hemolysate on cobas c503 (HbA1c/Hb*91. 5+2.15)	Immuno- assay	June '22	567668, 580773, 521990	538206	0.149, 0.340, 0.643, 0.880, 1.206, 1.704 mmol/L HbA1c; 1.46, 7.83 mmol/L Hb	-	European Reference Lab ESRL #13
	TQ HbA1c Gen. 3 whole blood on cobas c503 (HbA1c/Hb*91. 5+2.15)	Immuno- assay	June '22	568668, 580773	538206	0.150, 0.346, 0.659, 0.901, 1.238, 1.750 mmol/L HbA1c; 1.46, 7.83 mmol/L Hb	-	European Reference Lab ESRL #13
	TQ HbA1c Gen. 3 hemolysate on cobas c513 (HbA1c/Hb*91. 5+2.15)	Immuno- assay	June '22	611967, 521990, 587784	538206	0.149, 0.340, 0.642, 0.878, 1.204, 1.701 mmol/L HbA1c; 1.46, 7.83 mmol/L Hb	-	European Reference Lab ESRL #13
	TQ HbA1c Gen. 3 whole blood on cobas c513 (HbA1c/Hb*91. 5+2.15)	Immuno- assay	June '22	611967, 587784	538206	0.153, 0.347, 0.654, 0.893, 1.225, 1.728 mmol/L HbA1c; 1.46, 7.83 mmol/L Hb	-	European Reference Lab ESRL #13
Tosoh Corporation	G8 HbA1c Variant Analysis Mode Ver. 5.23 (1.6 min), HLC- 723G8	Ion- exchange HPLC	June '22	S8-105G, S8-209G, S8-308G, HW-34G	ZS0004	5.68%, 10.61%	S	Univ. of Missouri. SRL #9

List of NGSF Certified Methods (Updated 11/22, listed by date certified)

Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Tosoh Corporation	¹ G8 HbA1c Standard Analysis Mode Ver. 5.29 (1.0 min) HLC- 723G8	Ion- exchange HPLC	June '22	R8-107G, R8-205F, 8- 302F, HW- 34G	ZS0004	5.68%, 10.61%	R	Univ. of Missouri. SRL #9
	¹ G9 HbA1c, HLC-723G9, Ver. 1.13	Ion- exchange HPLC	June '22	E9-101G, E9-201G, 9- 301G, HW- 34G	JS1001	5.87%, 11.07%	E	Univ. of Missouri. SRL #9
	G8 HbA1c Variant Analysis Mode Ver. 5.24F (1.6 min), HLC-723G8	Ion- exchange HPLC	June '22	S8-105G, S8-209G, S8-308G, HW-34G	ZS0004	5.68%, 10.61%	S	Univ. of Missouri. SRL #9
	G8 HbA1c Variant Analysis Mode (1.6 min), HLC-723G8	Ion- exchange HPLC	June '22	S8-105F, S8-209G, S8-308G, HW-34G	ZS0004	5.68%, 10.61%	S	Univ. of Missouri. SRL #9
	G8 HbA1c Variant Analysis Mode Ver.5.29 (1.6 min), HLC- 723G8	Ion- exchange HPLC	June '22	S8-105G, S8-209G, S8-308G, HW-34G	ZS0004	5.68%, 10.61%	S	Univ. of Missouri. SRL #9
	G7 HbA1c Variant Analysis Mode (2.2 min), HLC-723G7	Ion- exchange HPLC	June '22	M7-101G, M7-201G, M7-301G, HW-20G	ZS0004	5.68%, 10.61%	M	Univ. of Missouri. SRL #9
	¹ GX, Ver.1.24 HLC-723GX	Ion- exchange HPLC	June '22	BX-101G, BX-201G, BX-301G, HW-23G	ZS0004	5.68%, 10.61%	B	Univ. of Missouri. SRL #9
	¹ G11, Standard Analysis Mode Ver.3.08 (0.5 min), HLC- 723G11	Ion- exchange HPLC	June '22	H1-106G, H1-201F, 1- 303G, HW- 34G	ZB0030	5.88%, 10.87%	H	Univ. of Missouri. SRL #9
	¹ G11, Standard Analysis Mode Ver.3.08 (0.5 min), HLC- 723G11	Ion- exchange HPLC	June '22	H1-106G, H1-201F, 1- 303G, HW- 34G	ZS0004	5.68%, 10.61%	H	Univ. of Missouri. SRL #9
	¹ G11, Variant Analysis Mode Ver.3.08 (1.0 min), HLC- 723G11	Ion- exchange HPLC	June '22	G1-111G, G1-204G, G1-301G, HW-34G	ZS0004	5.68%, 10.61%	G	Univ. of Missouri. SRL #9
	¹ G11, Variant Analysis Mode Ver.3.08 (1.0 min), HLC- 723G11	Ion- exchange HPLC	June '22	G1-111G, G1-204G, G1-301G, HW-34G	ZB0030	5.88%, 10.87%	G	Univ. of Missouri. SRL #9
	¹ G11, Variant Analysis Mode Ver.3.05F2 (1.0 min), HLC- 723G11	Ion- exchange HPLC	June '22	G1-111G, G1-204G, G1-301G, HW-26G	ZS0004	5.68%, 10.61%	G	Univ. of Missouri. SRL #9

List of NGSP Certified Methods (Updated 11/22, listed by date certified)

Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Siemens Healthcare Diagnostics	Enzymatic Hemoglobin A1c (A1c_E) – Automated Pretreatment on Advia 1800	Enzymatic	June '22	260, 260, 260, 260	1FS001, 1FS001	3.46, 13.59 µmol/L HbA1c; 98.7, 148.6 µmol/L Hb	-	Univ. of Missouri. SRL #9
	Enzymatic Hemoglobin A1c (A1c_E) – Automated Pretreatment on Advia 2400	Enzymatic	June '22	260, 260, 260, 260	1FS001, 1FS001	3.46, 13.59 µmol/L HbA1c; 98.7, 148.6 µmol/L Hb	-	Univ. of Missouri. SRL #9
	Enzymatic Hemoglobin A1c (A1c_E) – Automated Pretreatment on Advia XPT	Enzymatic	June '22	260, 260, 260, 260	1FS001, 1FS001	3.46, 13.59 µmol/L HbA1c; 98.7, 148.6 µmol/L Hb	-	Univ. of Missouri. SRL #9
	Enzymatic Hemoglobin A1c (A1c_E) – Automated Pretreatment on Atellica CH 930	Enzymatic	June '22	110360, 110360, 110360, 110360	1HS003, 1HS003	3.03, 15.18 µmol/L HbA1c; 96.1, 148.0 µmol/L Hb	-	Univ. of Missouri. SRL #9
	Enzymatic Hemoglobin A1c (A1c_E) – Automated Pretreatment on Atellica CI 1900	Enzymatic	June '22	110360, 110360, 110360, 110360	1HS003, 1HS003	3.03, 15.18 µmol/L HbA1c; 96.1, 148.0 µmol/L Hb	-	Univ. of Missouri. SRL #9
	Enzymatic Hemoglobin A1c (A1c_EM) – Manual Pretreatment on Advia 1800	Enzymatic	June '22	260, 260, 260, 260	1FS001, 1FS001	3.46, 13.59 µmol/L HbA1c; 98.7, 148.6 µmol/L Hb	-	Univ. of Missouri. SRL #9
	Enzymatic Hemoglobin A1c (A1c_EM) – Manual Pretreatment on Advia 2400	Enzymatic	June '22	260, 260, 260, 260	1FS001, 1FS001	3.46, 13.59 µmol/L HbA1c; 98.7, 148.6 µmol/L Hb	-	Univ. of Missouri. SRL #9
	Enzymatic Hemoglobin A1c (A1c_EM) – Manual Pretreatment on Advia XPT	Enzymatic	June '22	260, 260, 260, 260	1FS001, 1FS001	3.46, 13.59 µmol/L HbA1c; 98.7, 148.6 µmol/L Hb	-	Univ. of Missouri. SRL #9
Nova Biomedical	Allegro, Immunoassay	Immuno- assay	May '22	22046005	-	-	-	Univ. of Missouri SRL#9

List of NGSP Certified Methods (Updated 11/22, listed by date certified)

Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Wiener Laboratories S.A.I.C.	HbA1c v.2 Turbitest AA on CMD 800i 91.5*HbA1c/Hb+ 2.15	Immuno-assay	May '22	479280, 479380, 479310, 470680	478120	2.708 g/dL HbA1c; 13.82 g/dL Hb	-	Univ. of Missouri SRL#9
	HbA1c v.2 Turbitest AA on CM 250 91.5*HbA1c/Hb+ 2.15	Immuno-assay	May '22	479280, 479380, 479310, 470680	478120	2.708 g/dL HbA1c; 13.82 g/dL Hb	-	Univ. of Missouri SRL#9
	HbA1c v.2 Turbitest AA on CT 600i 91.5*HbA1c/Hb+ 2.15	Immuno-assay	May '22	479280, 479380, 479310, 470680	478120	2.708 g/dL HbA1c; 14.23 g/dL Hb	-	Univ. of Missouri SRL#9
	HbA1c v.2 Turbitest AA on CB 350i 91.5*HbA1c/Hb+ 2.15	Immuno-assay	May '22	479280, 479380, 479310, 470680	478120	2.708 g/dL HbA1c; 13.82 g/dL Hb	-	Univ. of Missouri SRL#9
Dirui Industrial Co., Ltd.	Whole Blood-Latex Agglutination Method on CS-400	Immuno-assay	May '22	20220114, 20220114, 20220114	20220117	0%, 5.7%, 8.7%, 11.5%, 14.2%	-	Zhongshan Hospital ASRL#3
	Whole Blood-Latex Agglutination Method on CS-T240 Plus	Immuno-assay	May '22	20220114, 20220114, 20220114	20220117	0%, 5.7%, 8.7%, 11.5%, 14.2%	-	Zhongshan Hospital ASRL#3
Sakae Corporation	MEDIDAS HbA1c on A1c GEAR	Immuno-assay	May '22	462203	20G17	4.7%, 7.1%, 10.2%, 13.9%	-	ReCCS ASRL#1
	MEDIDAS HbA1c on A1c iGear	Immuno-assay	May '22	462203	20G17	4.7%, 7.1%, 10.2%, 13.9%	-	ReCCS ASRL#1
	MEDIDAS HbA1c on A1c iGear Quick	Immuno-assay	May '22	462203	20G17	4.7%, 7.1%, 10.2%, 13.9%	-	ReCCS ASRL#1
Abbott Diagnostics	HbA1c (Hemolysate) on Architect c8000 %NGSP=HbA1c/ Hb*91.48+2.152	Enzymatic	May '22	61011UQ10, 61011UQ10, 61011UQ10	60939UQ11	5.1%, 11.4%	-	Univ. of Missouri. SRL #9
	HbA1c (Hemolysate) on Architect c4000 %NGSP=HbA1c/ Hb*91.48+2.152	Enzymatic	May '22	61011UQ10, 61011UQ10, 61011UQ10	60939UQ11	5.1%, 11.4%	-	Univ. of Missouri. SRL #9
	HbA1c (Whole Blood) on Architect c4000 %NGSP=HbA1c/ Hb*91.48+2.152	Enzymatic	May '22	61011UQ10, 61011UQ10, 61011UQ10	60939UQ11	5.1%, 11.4%	-	Univ. of Missouri. SRL #9

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Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Abbott Diagnostics	HbA1c (Whole Blood) on Architect c8000 %NGSP=HbA1c/ Hb*91.48+2.152	Enzymatic	May '22	61011UQ10, 61011UQ10, 61011UQ10	60939UQ11	5.1%, 11.4%	-	Univ. of Missouri. SRL #9
	HbA1c (Hemolysate) on Alinity c %NGSP=HbA1c/ Hb*91.48+2.152	Enzymatic	May '22	61011UQ10, 61011UQ10, 61011UQ10	60939UQ11	5.1%, 11.4%	-	Univ. of Missouri. SRL #9
	HbA1c (Whole Blood) on Alinity c analyzer %NGSP=HbA1c/ Hb*91.48+2.152	Enzymatic	May '22	61011UQ10, 61011UQ10, 61011UQ10	60939UQ11	5.1%, 11.4%	-	Univ. of Missouri. SRL #9
Sekisui Medical Co., Ltd.	Norudia N HbA1c on Hitachi 7170 S	Enzymatic	Apr '22	129RJS, 129RJS, 130RLS	205 RLS	3.41, 14.91 µmol/L HbA1c; 104.0, 153.4 µmol/L Hb	-	ReCCS ASRL#1
	(RE) Norudia N HbA1c on Hitachi 3500	Enzymatic	Apr '22	128RLS, 129RJS, 130RLS	204 RLS	5.16, 22.53 µmol/L HbA1c; 169.0, 236.1 µmol/L Hb	-	ReCCS ASRL#1
	(RE) Norudia N HbA1c on TBA- nx360	Enzymatic	Apr '22	HBA208RJS, HBA208RJS, 130RLS	204 RLS	5.16, 22.53 µmol/L HbA1c; 169.0, 236.1 µmol/L Hb	-	ReCCS ASRL#1
	(RE) Norudia N HbA1c on Hitachi 7180	Enzymatic	Apr '22	129RJS, 129RJS, 130RLS	204 RLS	5.16, 22.53 µmol/L HbA1c; 169.0, 236.1 µmol/L Hb	-	ReCCS ASRL#1
	HbA1c Auto TBA on TBA- 120FR	Enzymatic	Apr '22	129RJS(T), 129RJS(T), 130RLS	205 RLS	3.41, 14.91 µmol/L HbA1c; 104.0, 153.4 µmol/L Hb	-	ReCCS ASRL#1
	L type Norudia N HbA1c on Hitachi LST006	Enzymatic	Apr '22	128RLS, 128RLS, 130RLS	203 RLS	3.52, 14.78 µmol/L HbA1c; 106.9, 148.8 µmol/L Hb	-	ReCCS ASRL#1
	L type Norudia N HbA1c on Hitachi LST008	Enzymatic	Apr '22	128RLS, 128RLS, 130RLS	203 RLS	3.52, 14.78 µmol/L HbA1c; 106.9, 148.8 µmol/L Hb	-	ReCCS ASRL#1
	Norudia N HbA1c on JCA- BM9130	Enzymatic	Apr '22	129RJS, 129RJS, 130RLS	205 RLS	3.41, 14.91 µmol/L HbA1c; 104.0, 153.4 µmol/L Hb	-	ReCCS ASRL#1
	Norudia N HbA1c on EV800	Enzymatic	Apr '22	130RLS, 130RLS, 130RLS	205 RLS	3.41, 14.91 µmol/L HbA1c; 104.0, 153.4 µmol/L Hb	-	ReCCS ASRL#1
	Norudia N HbA1c on Hitachi 3500	Enzymatic	Apr '22	130RLS, 130RLS, 130RLS	205 RLS	3.41, 14.91 µmol/L HbA1c; 104.0, 153.4 µmol/L Hb	-	ReCCS ASRL#1
	Norudia N HbA1c on SK300	Enzymatic	Apr '22	129RJS, 129RJS, 130RLS	205 RLS	3.41, 14.91 µmol/L HbA1c; 104.0, 153.4 µmol/L Hb	-	ReCCS ASRL#1

List of NGSP Certified Methods (Updated 11/22, listed by date certified)

Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Sekisui Medical Co., Ltd.	Norudia N HbA1c on TBA- 120FR	Enzymatic	Apr '22	130RLS, 130RLS, 130RLS	205 RLS	3.41, 14.91 µmol/L HbA1c; 104.0, 153.4 µmol/L Hb	-	ReCCS ASRL#1
	RC-W FAST Mode	Enzymatic	Apr '22	2107160005	201016	5.04%, 11.49%	-	ReCCS ASRL#1
	RC-W VARIANT Mode	Enzymatic	Apr '22	2107160005	201016	5.07%, 11.44%	-	ReCCS ASRL#1
Toyobo Co., Ltd.	Toyobo HbA1c Direct on Hitachi 7180	Enzymatic	Apr '22	211027LB, 220127R1, 211213R2	CAL82	5.34%, 15.95%	-	ReCCS ASRL#1
	Toyobo HbA1c Direct on JCA- BM9130	Enzymatic	Apr '22	211027LB, 220127R1, 211213R2	CAL82	5.41%, 16.07%	-	ReCCS ASRL#1
SD Biosensor, Inc.	Standard A1cC on Standard A1cCare	Immuno- assay	Apr '22	4012C81AC	-	-	-	ReCCS ASRL#1
	Standard F on Standard F100	Immuno- assay	Apr '22	6072CN6AC	-	-	-	ReCCS ASRL#1
	Standard F on Standard F200	Immuno- assay	Apr '22	6072CN6AC	-	-	-	ReCCS ASRL#1
	Standard F on Standard F2400	Immuno- assay	Apr '22	6072CN6AC	-	-	-	ReCCS ASRL#1
	MultiCare	Immuno- assay	Apr '22	4022B53AC	-	-	-	ReCCS ASRL#1
Ensayos y Tamizajes de Mexico S.A. de C.V.	Fluorescence Immunoassay on Finecare FIA Meter	Immuno- assay	Apr '22	F20715901 AD	-	-	-	ReCCS ASRL#1
	Fluorescence Immunoassay on Finecare FIA Meter Plus	Immuno- assay	Apr '22	F20715901 AD	-	-	-	ReCCS ASRL#1
Guangzhou Wondfo Biotech Co., Ltd.	Fluorescence Immunoassay on Finecare FIA Meter	Immuno- assay	Apr '22	F20716B07 AD	-	-	-	ReCCS ASRL#1
	Fluorescence Immunoassay on Finecare FIA Meter Plus	Immuno- assay	Apr '22	F20716B07 AD	-	-	-	ReCCS ASRL#1
	Fluorescence Immunoassay on Finecare FIA Meter II Plus SE	Immuno- assay	Apr '22	F20716B07 AD	-	-	-	ReCCS ASRL#1
	Fluorescence Immunoassay on Finecare FIA Meter III Plus	Immuno- assay	Apr '22	F20716B07 AD	-	-	-	ReCCS ASRL#1
Fujirebio Inc.	¹ AU- SYNCHRON Reagent HbA1C on DxC700AU	Immuno- assay	Apr '22	QF10501, RF10501, SF10101	VF10401	0.0%, 4.2%, 6.8%, 9.6%, 13.2%	-	ReCCS ASRL#1
	¹ Rapidia Auto HbA1c-L on BiOLis24i Premium	Immuno- assay	Apr '22	QF10501, RF10501, SF10101	VF10401	0.0%, 4.2%, 6.8%, 9.6%, 13.2%	-	ReCCS ASRL#1
	¹ Rapidia Auto HbA1c-L on JCA-BM9130	Immuno- assay	Apr '22	QF10501, RF10501, SF10101	VF10401	0.0%, 4.2%, 6.8%, 9.6%, 13.2%	-	ReCCS ASRL#1

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Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Fujirebio Inc.	[†] Rapidia Auto HbA1c-L on AU680	Immuno- assay	Apr '22	QF10501, RF10501, SF10101	VF10401	0.0%, 4.2%, 6.8%, 9.6%, 13.2%	-	ReCCS ASRL#1
	[†] Rapidia Auto HbA1c-L on Hitachi 7180	Immuno- assay	Apr '22	QF10501, RF10501, SF10101	VF10401	0.0%, 4.2%, 6.8%, 9.6%, 13.2%	-	ReCCS ASRL#1
	[†] Rapidia Auto HbA1c-L on TBA-120FR	Immuno- assay	Apr '22	QF10501, RF10501, SF10101	VF10401	0.0%, 4.2%, 6.8%, 9.6%, 13.2%	-	ReCCS ASRL#1
Abbott Diagnostics Technologies AS	Afinion HbA1c / Afinion AS100 Analyzer	Boronate affinity	Apr '22	10215344	-	-	-	European Reference Lab ESRL #11
	Afinion HbA1c Dx / Afinion AS100 Analyzer	Boronate affinity	Apr '22	10214123	-	-	-	European Reference Lab ESRL #11
	Afinion HbA1c Dx / Afinion 2 Analyzer	Boronate affinity	Apr '22	10214123	-	-	-	European Reference Lab ESRL #11
	Afinion HbA1c / Afinion 2 Analyzer	Boronate affinity	Apr '22	10215344	-	-	-	European Reference Lab ESRL #11
Arkray, Inc.	[†] ADAMS A1c HA-8160 VP mode	Ion- exchange HPLC	Apr '22	21072131, 21021212, 22012733, 21042814	S1003	5.3%, 10.6%	16013Y	ReCCS ASRL#1
	[†] ADAMS A1c HA-8160 TP mode	Ion- exchange HPLC	Apr '22	21072131, 22021812, 21031134, 21020535, 21042814	S1003	5.3%, 10.6%	2A001W	ReCCS ASRL#1
	[†] ADAMS A1c HA-8160 (Ver.4)	Ion- exchange HPLC	Apr '22	21080557, 21082058, 21090159, 21102955	S1003	5.2%, 10.4%	1C011S	ReCCS ASRL#1
	[†] ADAMS A1c HA-8170	Ion- exchange HPLC	Apr '22	21080557, 21082058, 21090159, 21102955	S1003	5.2%, 10.4%	1C0016	ReCCS ASRL#1
	[†] ADAMS A1c HA-8180	Ion- exchange HPLC	Apr '22	210804101, 210802102, 211018105	S1003	5.3%, 10.5%	1C601N	ReCCS ASRL#1
	[†] ADAMS A1c HA-8181	Ion- exchange HPLC	Apr '22	210804101, 210802102, 211018105	S1003	5.3%, 10.5%	1C601N	ReCCS ASRL#1
	[†] ADAMS A1c HA-8182	Ion- exchange HPLC	Apr '22	2A1001, 1J1022, 1L1042	CA81G07	5.3%, 10.7%	1E401N	ReCCS ASRL#1
	ADAMS A1c HA-8180V Variant mode	Ion- exchange HPLC	Apr '22	210804101, 210802102, 210729140, 211018105	S1003	5.3%, 10.5%	1C210U	ReCCS ASRL#1
	[†] ADAMS A1c HA-8180V Fast mode	Ion- exchange HPLC	Apr '22	210804101, 210802102, 210729140, 211018105	S1003	5.3%, 10.7%	1C210U	ReCCS ASRL#1
	[†] ADAMS A1c Lite HA-8380V Variant mode	Ion- exchange HPLC	Apr '22	210804101, 210802102, 210729140, 211018105	S1003	5.3%, 10.5%	1C209V	ReCCS ASRL#1

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Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Arkray, Inc.	[†] ADAMS A1c Lite HA-8380V Variant mode	Ion- exchange HPLC	Apr '22	210804101, 210802102, 210729140, 211018105	S1003	5.3%, 10.5%	1C209V	ReCCS ASRL#1
	[†] ADAMS A1c HA-8190V Fast mode	Ion- exchange HPLC	Apr '22	210804101, 210802102, 210806364, 211018105	S1003	5.3%, 10.5%	1C301V	ReCCS ASRL#1
	[†] ADAMS A1c HA-8190V Variant mode	Ion- exchange HPLC	Apr '22	210804101, 210802102, 210806364, 211018105	S1003	5.3%, 10.6%	1C301V	ReCCS ASRL#1
	[†] ADAMS A1c Lite HA-8380	Ion- exchange HPLC	Apr '22	210804101, 210802102, 211018105	S1003	5.3%, 10.5%	1C602N	ReCCS ASRL#1
	[†] ADAMS A1c HA-8180T	Ion- exchange HPLC	Apr '22	210804101, 210802102, 210217160, 211018105	S1003	5.3%, 10.5%	1C021L	ReCCS ASRL#1
	[†] ADAMS HYBRID AH- 8290	Ion- exchange HPLC	Apr '22	210804101, 210802102, 211018105	S1003	5.3%, 10.5%	1C601N	ReCCS ASRL#1
	[†] CinQ HbA1c on JCA- BM6010 HbA1c%(NGSP)=0.0915*HbA1 c/Hb*1000(IFC C)+2.15	Enzymatic	Apr '22	MFA23, MFE22	CACOK25	2.73, 6.94 µmol/L HbA1c (IFCC), 95.3 µmol/L Hb (IFCC)	-	ReCCS ASRL#1
	@ The Lab 001 HbA1c%(NGSP)= 0.0915*HbA1c/Hb *1000(IFCC)+2.1 5	Capillary Electroph oresis	Apr '22	CE112A2A1	-	-	-	ReCCS ASRL#1
Siemens Healthcare Diagnostics	Dimension Vista A1C on Dimension Vista 500	Immuno- assay	Apr '22	21144BB	1ED032	0.16, 0.50, 0.90, 1.59,2.17 g/dL hbA1c; 13.01, 12.52 g/dL Hb	-	Univ. of Missouri. SRL #9
	Dimension Vista A1C on Dimension Vista 1500	Immuno- assay	Apr '22	21187BA	1GD001	0.14, 0.52, 0.96, 1.60, 2.18 g/dL HbA1c; 12.57, 12.07 g/dL Hb	-	Univ. of Missouri. SRL #9
Archem Sağlık Sanayi ve Ticaret A.S.	Derec Method on Mindray BS800 & BS800M	Immuno- assay	Mar '22	083	023	5.5%, 7.3%, 11.3%, 15.5%	-	European Reference Lab ESRL #13
	Derec Method on Olympus AU5800	Immuno- assay	Mar '22	083	023	5.5%, 7.3%, 11.3%, 15.5%	-	European Reference Lab ESRL #13
	Immunoturbidi metric Method on Alinity c	Immuno- assay	Mar '22	083	023	5.5%, 7.3%, 11.3%, 15.5%	-	European Reference Lab ESRL #13
	Immunoturbidi metric Method on Architect c8000	Immuno- assay	Mar '22	088	023	5.7%, 7.7%, 11.7%, 15.5%	-	European Reference Lab ESRL #13

List of NGSF Certified Methods (Updated 11/22, listed by date certified)

Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Shenzhen Labnovation Technologies, Inc.	HPLC on LD-500, LD-510, LD-520	Ion-exchange HPLC	Mar '22	20211028, 20211028, 20211028	20211020, 20211020	5.6%, 9.5%	20211028	ReCCS ASRL#1
	HPLC on LD-560, LD-561, LD-562	Ion-exchange HPLC	Mar '22	20211204, 20211204, 20211204	20211020, 20211020	5.6%, 9.6%	8F50867	ReCCS ASRL#1
	HPLC on LD-600, LD-620	Ion-exchange HPLC	Mar '22	20211126, 20211126, 20211126	20211020, 20211020	5.5%, 9.5%	9F50695	ReCCS ASRL#1
	Borate affinity on LD-100, LD-120, LD-160	Boronate Affinity	Mar '22	20211230	20211020, 20211020	5.8%, 9.9%	-	ReCCS ASRL#1
Minaris Medical Co., Ltd.	Determiner L HbA1c on FUNOTEC FC-300	Immuno-assay	Mar '22	504AAL, 504AAL	504AAK	0.0%, 4.4%, 6.8%, 9.7%, 13.1%	-	ReCCS ASRL#1
	Determiner L HbA1c DM-JACK	Immuno-assay	Mar '22	504AAL, 504AAL	504AAK	0.0%, 4.4%, 6.8%, 9.7%, 13.0%	-	ReCCS ASRL#1
	Determiner L HbA1c on JCA-BM9130	Immuno-assay	Mar '22	504AAL, 504AAL	504AAK	0.0%, 4.4%, 6.8%, 9.7%, 13.1%	-	ReCCS ASRL#1
	Determiner L HbA1c on TBA-120FR	Immuno-assay	Mar '22	504AAL, 504AAL	504AAK	0.0%, 4.4%, 6.8%, 9.7%, 13.1%	-	ReCCS ASRL#1
	Determiner L HbA1c on Hitachi-7180	Immuno-assay	Mar '22	504AAL, 504AAL	505AAK	0.0%, 4.2%, 6.9%, 9.7%, 13.1%	-	ReCCS ASRL#1
Thermo Fisher Scientific Oy	HbA1c for Indiko, ref 981947, 981948 (91.5*HbA1c/Hb*+2.15)	Immuno-assay	Mar '22	U911, U443	U386	1.5638 mmol/L HbA1c; 8.781 mmol/L Hb	-	European Reference Lab ESRL #13
	HbA1c for Konelab, ref 981947, 981948 (91.5*HbA1c/Hb*+2.15)	Immuno-assay	Mar '22	U911, U443	U386	1.5638 mmol/L HbA1c; 8.781 mmol/L Hb	-	European Reference Lab ESRL #13
UMA Co., Ltd	MEASURE HbA1c II on Hitachi 7180	Immuno-assay	Mar '22	396ABA, 228ABA	134ABB	0.0%, 5.4%, 8.4%, 11.7%, 15.2%	-	ReCCS ASRL#1
Fujikura Kasei Co., Ltd	HbA1c-FW on Hitachi 7180	Immuno-assay	Mar '22	W22A201W	W21L011D	5.0%, 8.5%, 11.9%, 15.9%	-	ReCCS ASRL#1
	HbA1c-F on Hitachi 7180	Immuno-assay	Mar '22	W21G152C	W21A011D	4.8%, 8.80%, 12.2%, 16.4%	-	ReCCS ASRL#1
	HbA1c-FL on Hitachi 7180	Immuno-assay	Mar '22	W22A011L	W22A141L	4.5%, 6.9%, 9.4%, 13.3%	-	ReCCS ASRL#1
PTS Diagnostics	A1CNOW+; A1CNOW Selfcheck	Immuno-assay	Mar '22	2115818	-	-	-	Univ. of Missouri. SRL #9
Trinity Biotech	Boronate Affinity HPLC on Premier Hb9210	Boronate affinity HPLC	Mar '22	12064, 12414, 12410, 12238	12951, 12952	5.1%, 12.3%	12702	Univ. of Missouri. SRL #11
	Tri-stat 1	Boronate Affinity	Mar '22	11812(2S)	-	-	-	Univ. of Missouri. SRL #11
	Tri-stat 2	Boronate Affinity	Mar '22	11812(2S)	-	-	-	Univ. of Missouri. SRL #11

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Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Green Cross Medis Corp.	Boronate Affinity on Cera-Stat 4000 (Merilyzer Merichcek Analyzer)	Boronate Affinity	Feb '22	HC4331J061, HC4331J062, HC4331J06W	-	-	-	Univ. of Missouri. SRL #9
	Boronate Affinity on Cera-Stat 2000 (QDx A1c Analyzer)	Boronate Affinity	Feb '22	HC2331J061, HC2331J062, HC2331J06W	-	-	-	Univ. of Missouri. SRL #9
	Boronate Affinity LabonaCheck A1c HbA1c Analyzer (Model: MH200), A1Card HbA1c Analyzer	Boronate Affinity	Feb '22	HM2361J061, HM2361J062, HM2361J06W	-	-	-	Univ. of Missouri. SRL #9
Skyla Corporation Hsinchu Science Park Branch	Immunoassay on Skyla Hi Analyzer	Immuno- assay	Feb '22	A1ZH21JK1	-	-	-	ReCCS ASRL#1
DxGen Corp.	Boronate affinity on Epithod 616, 616H	Boronate Affinity	Feb '22	C11K0301R1, C11K0301W1 , C11K0301C1	-	-	-	Univ. of Missouri. SRL #9
	Boronate affinity on Epithod 414, Dx.HbA1c	Boronate Affinity	Feb '22	C11K1502R1, C11K1502W1 , C11K1502C1	-	-	-	Univ. of Missouri. SRL #9
GuangDong Uniten Biotechnology Co., Ltd.	Turbidimetric inhibition immuno assay on Mindray BS- 450	Immuno- assay	Feb '22	3920211001	3920211001L, 3920211001H	8.2%, 10.9%	-	Zhongshan Hospital ASRL#2
Suzhou Borui Sunga Medical Technology Co., Ltd.	HPLC on CM- C1 Glycosylated Hemoglobin Analyzer	Ion- exchange HPLC	Jan '22	2820211013	3020210720	5.1%, 10.4%	G7111038	Zhongshan Hospital ASRL#2
Beckman Coulter Inc.	HbA1c3 Colorimetric DxC600 Platform	Immuno- assay	Jan '22	M107745, M107745, M109385	M107745	0.197, 0.455, 0.843, 1.481, 2.164 g/dL HbA1c; 19.19 g/dL Hb	-	Univ. of Missouri. SRL #9
	HbA1c3 Colorimetric DxC800 Platform	Immuno- assay	Jan '22	M107745, M107745, M109385	M107745	0.197, 0.455, 0.843, 1.481, 2.164 g/dL HbA1c; 19.19 g/dL Hb	-	Univ. of Missouri. SRL #9
	HbA1c Colorimetric DxC800 Platform	Immuno- assay	Jan '22	M110467, M110467, M110580	M110467	0.197, 0.455, 0.843, 1.481, 2.164 g/dL HbA1c; 19.19 g/dL Hb	-	Univ. of Missouri. SRL #9
	HbA1c Colorimetric DxC600 Platform	Immuno- assay	Jan '22	M110467, M110467, M110580	M110467	0.197, 0.455, 0.843, 1.481, 2.164 g/dL HbA1c; 19.19 g/dL Hb	-	Univ. of Missouri. SRL #9

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EMPECS Medical Device Co., Ltd.	ASUREQUAN Analyzer	Enzymatic	Jan '22	BAIVHI2P1A	-	-	-	European Reference Lab ESRL#13
Nittobo Medical Co., Ltd	N-Assay LA HbA1c Nittobo on TBA-120FR	Immuno- assay	Jan '22	H104A	N004A	0%, 4.9%, 8.6%, 12.0%, 15.8%	-	ReCCS ASRL#1
	N-Assay LA HbA1c Nittobo on BM9130	Immuno- assay	Jan '22	H104A	N004A	0%, 4.9%, 8.6%, 12.0%, 15.8%	-	ReCCS ASRL#1
	N-Assay LA HbA1c Nittobo on H-7180	Immuno- assay	Jan '22	H104A	N004A	0%, 4.9%, 8.6%, 12.0%, 15.8%	-	ReCCS ASRL#1
	N-Assay LA HbA1c Nittobo on TBA c8000	Immuno- assay	Jan '22	H104A	N004A	0%, 4.9%, 8.6%, 12.0%, 15.8%	-	ReCCS ASRL#1
Shenzhen Lifotronic Technology Co., Ltd.	Ion-exchange HPLC on H8 Hemoglobin Analyzer; also sold by ASSEL srl as AS8	Ion- exchange HPLC	Jan '22	H8SX21026	H8SX210121	5.40%, 9.80%	I02DSX21B 23415	Zhongshan Hospital ASRL#2
	Ion-exchange HPLC on H9 Hemoglobin Analyzer; also sold by ASSEL srl as AS9	Ion- exchange HPLC	Jan '22	H9SX21025	H8SX210124	5.60%, 10.20%	I02BSX21B2 2780	Zhongshan Hospital ASRL#2
	Lateral Flow Immunoassay on FA-160	Immuno- assay	Jan '22	8521089	-	-	-	Zhongshan Hospital ASRL#2
	Ion-exchange HPLC on GH900 and GH900Plus Hemoglobin Analyzer	Ion- exchange HPLC	Jan '22	822152	G9N21033	5.40%, 10.10%	GH21B51345	Zhongshan Hospital ASRL#2
	Ion-exchange HPLC on Benesphera A10 Hemoglobin Analyzer	Ion- exchange HPLC	Jan '22	H8SX21026	H8SX210121	5.40%, 9.80%	I02DSX21B2 3422	Zhongshan Hospital ASRL#2
	Ion-exchange HPLC on H100/H100Plus Hemoglobin Analyzer	Ion- exchange HPLC	Jan '22	HASX210040	HNSX210010	5.35%, 9.64%	I02HSX21B0 1223	Zhongshan Hospital ASRL#2
	Ion-exchange HPLC on Hb NEXT Hemoglobin Analyzer	Ion- exchange HPLC	Jan '22	HASX210040	HNSX210010	5.35%, 9.64%	I02HSX21A0 0209	Zhongshan Hospital ASRL#2
	Ion-exchange HPLC on LifeDx HBPro Hemoglobin Analyzer	Ion- exchange HPLC	Jan '22	H6SX21022	H6SX210120	5.50%, 9.90%	I02FSX21B1 5753	Zhongshan Hospital ASRL#2
	Ion-exchange HPLC on Nano H5 HbA1c Analyzer	Ion- exchange HPLC	Jan '22	H8SX21026	H8SX210121	5.40%, 9.80%	I02DSX21B2 3418	Zhongshan Hospital ASRL#2

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Shenzhen Lifotronic Technology Co., Ltd.	Ion-exchange HPLC on Nano H110 Hemoglobin Analyzer	Ion-exchange HPLC	Jan '22	H9SX21025	H9SX210124	5.60%, 10.20%	I02BSX21B2 2781	Zhongshan Hospital ASRL#2
	Ion-exchange HPLC on Z-Hb Confirm Automated Hemoglobin Analyzer	Ion-exchange HPLC	Jan '22	H8SX21026	H8SX210121	5.40%, 9.80%	I02DSX21B2 3423	Zhongshan Hospital ASRL#2
	Ion-exchange HPLC on H6 Hemoglobin Analyzer	Ion-exchange HPLC	Jan '22	H6SX21022	H6SX210120	5.50%, 9.90%	I02FSX21B1 5748	Zhongshan Hospital ASRL#2
MDX Medtek Diagnostics (Netherlands) B.V.	Ion-exchange HPLC on HPLCline 100	Ion-exchange HPLC	Jan '22	21026MDXH R	210121MDX HC	5.40%, 9.80%	0021MDXHL	Zhongshan Hospital ASRL#2
Human Gesellschaft für Biochemica und Diagnostica mbH	Ion-exchange HPLC on HumaNex A1c Variant	Ion-exchange HPLC	Jan '22	HA1C21026	HA1C210121	5.40%, 9.80%	I02DSX21B2 3416	Zhongshan Hospital ASRL#2
Nihon Kohden Corporation	@Celltac Chemi HbA1c N on MEK-1303	Immuno-assay	Jan '22	21013	CEN010	0.0%, 4.4%, 6.7%, 9.5%, 12.7%	-	ReCCS ASRL#1
	@Celltac Chemi HbA1c N on CHM-4100	Immuno-assay	Jan '22	21013	CEN010	0.0%, 4.4%, 6.7%, 9.5%, 12.7%	-	ReCCS ASRL#1
	@Celltac Chemi HbA1c on CHM-4100	Immuno-assay	Jan '22	21048	CEN010	0.0%, 4.5%, 6.7%, 9.5%, 12.8%	-	ReCCS ASRL#1
i-SENS	Enzymatic on A1Care (also sold as Raptic L)	Enzymatic	Jan '22	DHHWAC	-	-	-	ReCCS ASRL#1
TaiDoc Technology Corp.	Immunoassay on TD-4611	Immuno-assay	Jan '22	21C112	130AAA	5.80%, 9.20%, 12.50%, 18.60%	-	European Reference Lab ESRL#13
Bio-Rad Laboratories	† VARIANT II Dual (A1c)	Ion-exchange HPLC	Jan '22	64431428, 64431429, 64404588	64429485, 64429486	5.3%, 10.6%	GB60425	Univ. of Missouri. SRL #9
	† VARIANT II Dual (A2/F/A1c)	Ion-exchange HPLC	Jan '22	64431428, 64431429, 64404588	64427344, 64429484	5.0%, 10.5%	GB60425	Univ. of Missouri. SRL #9
	D-10 HbA1c (12000949)	Ion-exchange HPLC	Jan '22	AA10352, AA10353, AA10298	AA10364, AA10365	5.4%, 10.5%	R90055D	Univ. of Missouri. SRL #9
	D-10 HbA1c	Ion-exchange HPLC	Jan '22	AA00217, AA00218, AA10298	AA10364, AA10365	5.4%, 10.5%	D90234L	Univ. of Missouri. SRL #9
	D-100 HbA1c	Ion-exchange HPLC	Jan '22	64433573, 64326283, 64421818	64433569, 64433569	5.92%, 9.61%	00054AC	Univ. of Missouri. SRL #9
	D-10 Dual A2/F/A1c	Ion-exchange HPLC	Jan '22	AA10296, AA10297, AA10132	AA10254, AA10255	5.5%, 10.4%	D90234L	Univ. of Missouri. SRL #9
	Variant II HbA1c NU	Ion-exchange HPLC	Jan '22	64357163, 64357164, 64345159	64434242, 64434243	5.5%, 10.0%	NU70415AA	Univ. of Missouri. SRL #9

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Bio-Rad Laboratories	VARIANT II TURBO HbA1c Kit – 2.0 (12000447)	Ion- exchange HPLC	Jan '22	64434717, 64435395, 64419776	64430709, 64430710	5.4%, 10.1%	90072AA	Univ. of Missouri. SRL #9
	VARIANT II TURBO HbA1c Kit – 2.0	Ion- exchange HPLC	Jan '22	64434717, 64435395, 64419776	64430709, 64430710	5.4%, 10.1%	90072AA	Univ. of Missouri. SRL #9
Lansion Biotechnology Co., Ltd.	Fluorescence Immunoassay on LS-1100	Immuno- assay	Dec '21	0012111	-	-	-	Zhongshan Hospital ASRL#2
Kinetic Diagnostic Industry	Immunoturbidi metry on AU680	Immuno- assay	Dec '21	138819N, 138819N, 138208N	128145N	5.4%, 8.4%, 12.3%, 15.2%	-	European Reference Lab ESRL#13
Siemens Healthcare Diagnostics	Dimension A1C on ExL System	Immuno- assay	Dec '21	GB2207	GB2207	0.18, 0.59, 1.11, 1.90, 2.62 g/dL HbA1c; 12.57, 12.17 g/dL Hb	-	Univ. of Missouri. SRL #9
	Dimension A1C on RxL System	Immuno- assay	Dec '21	GB2200	GB2200	0.18, 0.59, 1.11, 1.90, 2.62 g/dL HbA1c; 12.57, 12.17 g/dL Hb	-	Univ. of Missouri. SRL #9
	Dimension A1C on Xpand System	Immuno- assay	Dec '21	GB2200	GB2200	0.18, 0.59, 1.11, 1.90, 2.62 g/dL HbA1c; 12.57, 12.17 g/dL Hb	-	Univ. of Missouri. SRL #9
Shenzhen Mindray Bio- Medical Electronics Co., Ltd.	Enzymatic on BS2800M	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 µmol/L HbA1c; 93.8, 147 µmol/L Hb	-	ReCCS ASRL#1
	Enzymatic on BS600M	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 µmol/L HbA1c; 93.8, 147 µmol/L Hb	-	ReCCS ASRL#1
	Enzymatic on BS200E	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 µmol/L HbA1c; 93.8, 147 µmol/L Hb	-	ReCCS ASRL#1
	Enzymatic on BS240	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 µmol/L HbA1c; 93.8, 147 µmol/L Hb	-	ReCCS ASRL#1
	Enzymatic on BS240Pro	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 µmol/L HbA1c; 93.8, 147 µmol/L Hb	-	ReCCS ASRL#1
	Enzymatic on BS360E	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 µmol/L HbA1c; 93.8, 147 µmol/L Hb	-	ReCCS ASRL#1

List of NGSP Certified Methods (Updated 11/22, listed by date certified)

Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Shenzhen Mindray Bio-Medical Electronics Co., Ltd.	Enzymatic on BS380	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 μmol/L HbA1c; 93.8, 147 μmol/L Hb	-	ReCCS ASRL#1
	Enzymatic on BS400	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 μmol/L HbA1c; 93.8, 147 μmol/L Hb	-	ReCCS ASRL#1
	Enzymatic on BS460 & BS430	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 μmol/L HbA1c; 93.8, 147 μmol/L Hb	-	ReCCS ASRL#1
	Enzymatic on BS480	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 μmol/L HbA1c; 93.8, 147 μmol/L Hb	-	ReCCS ASRL#1
	Enzymatic on BS800 & BS800M	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 μmol/L HbA1c; 93.8, 147 μmol/L Hb	-	ReCCS ASRL#1
	Enzymatic on BS830	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 μmol/L HbA1c; 93.8, 147 μmol/L Hb	-	ReCCS ASRL#1
	Enzymatic on BS2000 & 2000M	Enzymatic	Dec '21	044621008	044621008	3.70, 14.8 μmol/L HbA1c; 93.8, 147 μmol/L Hb	-	ReCCS ASRL#1
	Ion-exchange HPLC on H50/H50P	Ion-exchange HPLC	Dec '21	2020120501, 2021071301, 2021071701	816RER-L, 816RER-H	5.09%, 11.00%	1D125M	ReCCS ASRL#1
Roche Diagnostics International Ltd	Cobas HbA1c Test on cobas b 101	Immuno-assay	Dec '21	116131-01	-	-	-	Univ. of Missouri. SRL #9
Roche Diagnostics	TQ HbA1c Gen. 3 Whole Blood on cobas c311 HbA1c/Hb*91.5 +2.15	Immuno-assay	Dec '21	54387401, 55808901, 51941501	468538	0.128, 0.329, 0.652, 0.909, 1.242, 1.774 mmol/L HbA1c; 1.410, 7.602 mmol/L Hb	-	European Reference Lab ESRL#13
	TQ HbA1c Gen. 3 Whole Blood on cobas c303 HbA1c/Hb*91.5 +2.15	Immuno-assay	Dec '21	514398, 562669,	468538	0.152, 0.355, 0.680, 0.933, 1.282, 1.814 mmol/L HbA1c; 1.48, 7.98 mmol/L Hb	-	European Reference Lab ESRL#13
	TQ HbA1c Gen. 3 Hemolysate on cobas c303 HbA1c/Hb*91.5 +2.15	Immuno-assay	Dec '21	514398, 562669, 521990	468538	0.149, 0.350, 0.668, 0.916, 1.258, 1.780 mmol/L HbA1c; 1.480, 7.980 mmol/L Hb	-	European Reference Lab ESRL#13

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Manufacturer	Method/ Instrument	Method Type	Date Certified	Reagent Lot	Calibrator Lot	Calibrator Assigned Value	Column Lot	Secondary Reference Laboratory
Roche Diagnostics	TQ HbA1c Gen. 3 Whole Blood on Cobas c111 HbA1c/Hb*91.5 +2.15	Immuno- assay	Dec '21	53930801, 54794401	468538	0.01597, 0.01065, 0.00761, 0.00532, 0.00266, 0.00106 mmol/L HbA1c; 0.07602, 0.05068, 0.03620, 0.02534, 0.01267, 0.00507 mmol/L Hb	-	European Reference Lab ESRL#13

* Method certification has been delayed due to coronavirus and/or other shipping issues.

@ Method is not currently available