

PRODUCT INFORMATION

产品信息

HA5072

2435HA

Please note that HbA1c control Level 2, Lot number 2435HA, will recover high above the level 6 calibrator concentration for indirect HbA1c on RX Instruments when converted to units g/dl or $\mu\text{mol/l}$.

Contact technical.services@randox.com if you require further assistance

请注意，糖化血红蛋白质控品（批号 2435HA），当单位转换为 g/dl 或 $\mu\text{mol/l}$ 时，在 RX 仪器上间接检测糖化血红蛋白（HbA1c）将高于校准品 6 的浓度。

如果您需要进一步的帮助，请联系 technical.services@randox.com。

【英文名称】: HbA1c CONTROL LEVEL 1 AND LEVEL 2 - HA5072

【中文名称】: 糖化血红蛋白质控品

【货号】 (CAT. NO): HA5072

【批号】 (LOT NO):

2433HA & 2435HA

【包装规格】 (SIZE): 2 x 2 x 0.5 ml

【到期】 (EXPIRY):

2026-06-28

本产品的准备和使用详见试剂盒内说明书。

Full instructions for the use and preparation of this product are included with the kit.

质控品靶值和范围如下所示。

Target values and ranges are listed below.

ZH: 14 Aug '24 me

LEVEL I 水平I

Method 方法	Units单位	Target 靶值	Range 范围
Abbott Architect c / Alinity c (DCCT/NGSP)	%HbA1c	5.35	4.28 - 6.42
Abbott Architect c / Alinity c (IFCC)	mmol/mol	35.0	28.0 - 42.0
Abbott Architect c(Direct Turbidimetric) (DCCT/NGSP)	%HbA1c	5.52	4.42 - 6.62
Abbott Architect c(Direct Turbidimetric) (IFCC)	mmol/mol	36.8	29.4 - 44.2
Arkray/Adams/Menarini A1c HA-8000 Series (DCCT/NGSP)	%HbA1c	5.60	4.48 - 6.72
Arkray/Adams/Menarini A1c HA-8000 Series (IFCC)	mmol/mol	37.7	30.2 - 45.2
Arkray Pocket Chem A1c Advanced (DCCT / NGSP)	%HbA1c	6.40	5.12 - 7.68
Arkray Pocket Chem A1c Advanced (IFCC)	mmol/mol	46.4	37.1 - 55.7
Beckman AU Instruments (DCCT/NGSP)	%HbA1c	5.80	4.64 - 6.96
Beckman AU Instruments (IFCC)	mmol/mol	39.9	31.9 - 47.9
Beckman DxC600/DxC800 (DCCT/NGSP)	%HbA1c	5.78	4.62 - 6.94
Beckman DxC600/DxC800 (IFCC)	mmol/mol	39.7	31.8 - 47.6
BioHermes Hb A1c (DCCT/NGSP)	%HbA1c	5.55	4.44 - 6.66
BioHermes Hb A1c (IFCC)	mmol/mol	37.2	29.8 - 44.6
Biorad D-10 (DCCT/NGSP)	%HbA1c	5.72	4.58 - 6.86
Biorad D-10 (IFCC)	mmol/mol	39.0	31.2 - 46.8
Biorad D-100 (DCCT/NGSP)	%HbA1c	5.68	4.54 - 6.82
Biorad D-100 (IFCC)	mmol/mol	38.6	30.9 - 46.3
Biorad Variant II (ion exchange) (DCCT/NGSP)	%HbA1c	5.68	4.54 - 6.82
Biorad Variant II (ion exchange) (IFCC)	mmol/mol	38.6	30.9 - 46.3
BioSystems BA400 (DCCT/NGSP)	%HbA1c	5.62	4.50 - 6.74
BioSystems BA400 (IFCC)	mmol/mol	37.9	30.3 - 45.5
Boditech Med Inc i-CHROMA (DCCT/NGSP)	%HbA1c	5.43	4.34 - 6.52
Boditech Med Inc i-CHROMA (IFCC)	mmol/mol	35.8	28.6 - 43.0
Centronic HbA1c (DCCT/NGSP)	%HbA1c	5.77	4.62 - 6.92
Centronic HbA1c (IFCC)	mmol/mol	39.6	31.7 - 47.5
Ceragem/Green Cross M.S. Labona Check (DCCT/NGSP)	%HbA1c	6.04	4.83 - 7.25
Ceragem/Green Cross M.S. Labona Check (IFCC)	mmol/mol	42.5	34.0 - 51.0
Clover A1c (DCCT/NGSP)	%HbA1c	6.09	4.87 - 7.31
Clover A1c (IFCC)	mmol/mol	43.1	34.5 - 51.7
DiaSys QDx A1c Advance (DCCT / NGSP)	%HbA1c	6.43	5.14 - 7.72
DiaSys QDx A1c Advance (IFCC)	mmol/mol	46.8	37.4 - 56.2
DiaSys respons A1c (DCCT / NGSP)	%HbA1c	6.45	5.16 - 7.74
DiaSys respons(IFCC)	mmol/mol	47.0	37.6 - 56.4
EKF Quotient Quo-Lab A1c Test (DCCT/NGSP)	%HbA1c	6.79	5.43 - 8.15
EKF Quotient Quo-Lab A1c Test (IFCC)	mmol/mol	50.7	40.6 - 60.8
Erba XL Series (DCCT/NGSP)	%HbA1c	5.72	4.58 - 6.86
Erba XL Series (IFCC)	mmol/mol	39.0	31.2 - 46.8
Fortress Diagnostics Electalyte-500 (DCCT/NGSP)	%HbA1c	5.38	4.30 - 6.46
Fortress Diagnostics Electalyte-500 (IFCC)	mmol/mol	35.3	28.2 - 42.4
GCMS Greencare A1c (DCCT / NGSP)	%HbA1c	6.41	5.13 - 7.69
GCMS Greencare A1c (IFCC)	mmol/mol	46.6	37.3 - 55.9
Human Diagnostics HumaNex A1c (DCCT/NGSP)	%HbA1c	5.69	4.55 - 6.83
Human Diagnostics HumaNex A1c (IFCC)	mmol/mol	38.7	31.0 - 46.4
Labnovation LD-500 (DCCT/NGSP)	%HbA1c	6.17	4.94 - 7.40
Labnovation LD-500 (IFCC)	mmol/mol	43.9	35.1 - 52.7
MediSys Hemo G Smart (DCCT / NGSP)	%HbA1c	6.47	5.18 - 7.76
MediSys Hemo G Smart (IFCC)	mmol/mol	47.2	37.8 - 56.6
Menarini HB Next (DCCT/NGSP)	%HbA1c	5.68	4.54 - 6.82
Menarini HB Next (IFCC)	mmol/mol	38.6	30.9 - 46.3
Mindray BS200/300/400/800 (DCCT/NGSP)	%HbA1c	5.69	4.55 - 6.83
Mindray BS200/300/400/800 (IFCC)	mmol/mol	38.7	31.0 - 46.4
Mindray H50/ H50P (DCCT/NGSP)	%HbA1c	5.76	4.61 - 6.91
Mindray H50/ H50P (IFCC)	mmol/mol	39.5	31.6 - 47.4
MTI Diagnostics HA-1500 (DCCT/NGSP)	%HbA1c	6.19	4.95 - 7.43
MTI Diagnostics HA-1500 (IFCC)	mmol/mol	44.2	35.4 - 53.0
Nycocard Reader (DCCT/NGSP)	%HbA1c	5.68	4.54 - 6.82
Nycocard Reader (IFCC)	mmol/mol	38.6	30.9 - 46.3
Ortho Vitros A1C1 (Enzymatic) (DCCT/NGSP)	%HbA1c	6.35	5.08 - 7.62
Ortho Vitros A1C1 (Enzymatic) (IFCC)	mmol/mol	45.9	36.7 - 55.1
Ortho Vitros d%A1c (DCCT/NGSP)	%HbA1c	5.60	4.48 - 6.72
Ortho Vitros d%A1c (IFCC)	mmol/mol	37.7	30.2 - 45.2
Randox Rx HbA1c (DCCT/NGSP)	%HbA1c	6.13	4.90 - 7.36
Randox Rx HbA1c (IFCC)	mmol/mol	43.5	34.8 - 52.2
Randox Rx HbA1c II (DCCT/NGSP)	%HbA1c	6.05	4.84 - 7.26
Randox Rx HbA1c II (IFCC)	mmol/mol	42.6	34.1 - 51.1
Roche Cobas 4000/c311 (DCCT/NGSP)	%HbA1c	5.60	4.48 - 6.72
Roche Cobas 4000/c311 (IFCC)	mmol/mol	37.7	30.2 - 45.2
Roche Cobas 6000/8000 (DCCT/NGSP)	%HbA1c	5.69	4.55 - 6.83

LEVEL I (continued) 水平I (续)

Method 方法	Units 单位	Target 靶值	Range 范围
Roche Cobas 6000/8000 (IFCC)	mmol/mol	38.7	31.0 - 46.4
Roche Cobas c303/c503 (DCCT/NGSP)	%HbA1C	5.82	4.66 - 6.98
Roche Cobas c303/c503 (IFCC)	mmol/mol	40.1	32.1 - 48.1
Roche Cobas c513 (DCCT/NGSP)	%HbA1C	5.77	4.62 - 6.92
Roche Cobas c513 (IFCC)	mmol/mol	39.6	31.7 - 47.5
Roche Integra (DCCT/NGSP)	%HbA1C	5.74	4.59 - 6.89
Roche Integra (IFCC)	mmol/mol	39.2	31.4 - 47.0
Roche Modular P/Cobas c111 (DCCT/NGSP)	%HbA1C	5.80	4.64 - 6.96
Roche Modular P/Cobas c111 (IFCC)	mmol/mol	39.9	31.9 - 47.9
Sebia Capillarys / Minicap (DCCT/NGSP)	%HbA1C	5.52	4.42 - 6.62
Sebia Capillarys / Minicap (IFCC)	mmol/mol	36.8	29.4 - 44.2
Siemens Advia CH A1c E (DCCT/NGSP)	%HbA1C	5.19	4.15 - 6.23
Siemens Advia CH A1c E (IFCC)	mmol/mol	33.2	26.6 - 39.8
Siemens Atellica CH A1c 3 (DCCT/NGSP)	%HbA1C	5.28	4.22 - 6.34
Siemens Atellica CH A1c 3 (IFCC)	mmol/mol	34.2	27.4 - 41.0
Siemens Atellica CH A1c E (DCCT/NGSP)	%HbA1C	5.36	4.29 - 6.43
Siemens Atellica CH A1c E (IFCC)	mmol/mol	35.1	28.1 - 42.1
Siemens DCA2000/Vantage (DCCT/NGSP)	%HbA1C	6.10	4.88 - 7.32
Siemens DCA2000/Vantage (IFCC)	mmol/mol	43.2	34.6 - 51.8
Siemens/Dade Dimension (DCCT/NGSP)	%HbA1C	5.77	4.62 - 6.92
Siemens/Dade Dimension (IFCC)	mmol/mol	39.6	31.7 - 47.5
Tokyo Boeki/Prestige 24i (DCCT/NGSP)	%HbA1C	5.87	4.70 - 7.04
Tokyo Boeki/Prestige 24i (IFCC)	mmol/mol	40.7	32.6 - 48.8
TOSOH G8 Automated HPLC Analyser (DCCT/NGSP)	%HbA1C	5.74	5.28 - 6.14
TOSOH G8 Automated HPLC Analyser (IFCC)	mmol/mol	39.2	36.1 - 42.4
TOSOH GX Automated HPLC Analyser (DCCT/NGSP)	%HbA1C	5.69	5.23 - 6.09
TOSOH GX Automated HPLC Analyser (IFCC)	mmol/mol	38.7	35.6 - 41.8
TOSOH G11 Automated HPLC Analyser (DCCT/NGSP)	%HbA1C	5.67	5.22 - 6.07
TOSOH G11 Automated HPLC Analyser (IFCC)	mmol/mol	38.5	35.4 - 41.6
Wondfo Finecare Meter (DCCT/NGSP)	%HbA1C	5.79	4.63 - 6.95
Wondfo Finecare Meter (IFCC)	mmol/mol	39.8	31.8 - 47.8

Total Haemoglobin 总血红蛋白	Units 单位	Target 靶值	Range 范围
Beckman AU Instruments	g/dl	13.0	10.5 - 15.6
Roche Cobas 6000/8000	g/dl	17.7	14.2 - 21.2
Roche Cobas c303/c503	g/dl	11.9	9.52 - 14.3
Randox RX Series	g/dl	15.8	12.6 - 18.9

LEVEL 2 水平2

Method 方法	Units单位	Target 靶值	Range 范围
Abbott Architect c / Alinity c (DCCT/NGSP)	%HbA1c	10.2	8.16 - 12.2
Abbott Architect c / Alinity c (IFCC)	mmol/mol	88.0	70.4 - 106
Abbott Architect c(Direct Turbidimetric) (DCCT/NGSP)	%HbA1c	11.0	8.80 - 13.2
Abbott Architect c(Direct Turbidimetric) (IFCC)	mmol/mol	96.7	77.4 - 116
Arkray/Adams/Menarini A1c HA-8000 Series (DCCT/NGSP)	%HbA1c	10.6	8.48 - 12.7
Arkray/Adams/Menarini A1c HA-8000 Series (IFCC)	mmol/mol	92.4	73.9 - 111
Arkray Pocket Chem A1c Advanced (DCCT / NGSP)	%HbA1c	10.4	8.32 - 12.5
Arkray Pocket Chem A1c Advanced (IFCC)	mmol/mol	90.2	72.2 - 108
Beckman AU Instruments (DCCT/NGSP)	%HbA1c	11.0	8.80 - 13.2
Beckman AU Instruments (IFCC)	mmol/mol	96.7	77.4 - 116
Beckman DxC600/DxC800 (DCCT/NGSP)	%HbA1c	11.0	8.8 - 13.2
Beckman DxC600/DxC800 (IFCC)	mmol/mol	96.7	77.4 - 116
BioHermes Hb A1c (DCCT/NGSP)	%HbA1c	10.9	8.72 - 13.1
BioHermes Hb A1c (IFCC)	mmol/mol	95.6	76.5 - 115
Biorad D-10 (DCCT/NGSP)	%HbA1c	11.2	8.96 - 13.4
Biorad D-10 (IFCC)	mmol/mol	98.9	79.1 - 119
Biorad D-100 (DCCT/NGSP)	%HbA1c	11.0	8.80 - 13.2
Biorad D-100 (IFCC)	mmol/mol	96.7	77.4 - 116
Biorad Variant II (ion exchange) (DCCT/NGSP)	%HbA1c	10.9	8.72 - 13.1
Biorad Variant II (ion exchange) (IFCC)	mmol/mol	95.6	76.5 - 115
BioSystems BA400 (DCCT/NGSP)	%HbA1c	10.4	8.32 - 12.5
BioSystems BA400 (IFCC)	mmol/mol	90.2	72.2 - 108
Boditech Med Inc i-CHROMA (DCCT/NGSP)	%HbA1c	8.70	6.98 - 10.5
Boditech Med Inc i-CHROMA (IFCC)	mmol/mol	71.9	57.5 - 86.0
Centronic HbA1c (DCCT/NGSP)	%HbA1c	10.9	8.72 - 13.1
Centronic HbA1c (IFCC)	mmol/mol	95.6	76.5 - 115
Ceragem/Green Cross M.S. Labona Check (DCCT/NGSP)	%HbA1c	11.5	9.20 - 13.8
Ceragem/Green Cross M.S. Labona Check (IFCC)	mmol/mol	102	81.6 - 122
Clover A1c (DCCT/NGSP)	%HbA1c	10.7	8.56 - 12.8
Clover A1c (IFCC)	mmol/mol	93.4	74.7 - 112
DiaSys QDx A1c Advance (DCCT / NGSP)	%HbA1c	10.4	8.32 - 12.5
DiaSys QDx A1c Advance (IFCC)	mmol/mol	90.2	72.2 - 108
DiaSys respons A1c (DCCT / NGSP)	%HbA1c	10.5	8.40 - 12.6
DiaSys respons(IFCC)	mmol/mol	91.3	73.0 - 110
EKF Quotient Quo-Lab A1c Test (DCCT/NGSP)	%HbA1c	11.2	8.96 - 13.4
EKF Quotient Quo-Lab A1c Test (IFCC)	mmol/mol	98.9	79.1 - 119
Erba XL Series (DCCT/NGSP)	%HbA1c	11.0	8.8 - 13.2
Erba XL Series (IFCC)	mmol/mol	96.7	77.4 - 116
Fortress Diagnostics Electalyte-500 (DCCT/NGSP)	%HbA1c	10.7	8.56 - 12.8
Fortress Diagnostics Electalyte-500 (IFCC)	mmol/mol	93.4	74.7 - 112
GCMS Greencare A1c (DCCT / NGSP)	%HbA1c	10.4	8.32 - 12.5
GCMS Greencare A1c (IFCC)	mmol/mol	90.2	72.2 - 108
Human Diagnostics HumaNex A1c (DCCT/NGSP)	%HbA1c	11.1	8.88 - 13.3
Human Diagnostics HumaNex A1c (IFCC)	mmol/mol	97.8	78.2 - 117
Labnovation LD-500 (DCCT/NGSP)	%HbA1c	10.1	8.08 - 12.1
Labnovation LD-500 (IFCC)	mmol/mol	86.9	69.5 - 104
MediSys Hemo G Smart (DCCT / NGSP)	%HbA1c	10.5	8.40 - 12.6
MediSys Hemo G Smart (IFCC)	mmol/mol	91.3	73.0 - 110
Menarini HB Next (DCCT/NGSP)	%HbA1c	11.0	8.8 - 13.2
Menarini HB Next (IFCC)	mmol/mol	96.7	77.4 - 116
Mindray BS200/300/400/800 (DCCT/NGSP)	%HbA1c	11.1	8.88 - 13.3
Mindray BS200/300/400/800 (IFCC)	mmol/mol	97.8	78.2 - 117
Mindray H50/ H50P (DCCT/NGSP)	%HbA1c	10.9	8.72 - 13.1
Mindray H50/ H50P (IFCC)	mmol/mol	95.6	76.5 - 115
MTI Diagnostics HA-1500 (DCCT/NGSP)	%HbA1c	10.6	8.48 - 12.7
MTI Diagnostics HA-1500 (IFCC)	mmol/mol	92.4	73.9 - 111
Nycocard Reader (DCCT/NGSP)	%HbA1c	10.8	8.64 - 13.0
Nycocard Reader (IFCC)	mmol/mol	94.5	75.6 - 113
Ortho Vitros A1c I (Enzymatic) (DCCT/NGSP)	%HbA1c	12.4	9.92 - 14.9
Ortho Vitros A1c I (Enzymatic) (IFCC)	mmol/mol	112	89.6 - 134
Ortho Vitros d%A1c (DCCT/NGSP)	%HbA1c	11.2	8.96 - 13.4
Ortho Vitros d%A1c (IFCC)	mmol/mol	98.9	79.1 - 119

LEVEL 2 (continued) 水平2 (续)

Method 方法	Units 单位	Target 靶值	Range 范围
Randox Rx HbA1c (DCCT/NGSP)	%HbA1c	13.8	11.0 - 16.6
Randox Rx HbA1c (IFCC)	mmol/mol	127	102 - 152
Randox Rx HbA1c II (DCCT/NGSP)	%HbA1c	11.5	9.20 - 13.8
Randox Rx HbA1c II (IFCC)	mmol/mol	102	81.6 - 122
Roche Cobas 4000/c311 (DCCT/NGSP)	%HbA1c	11.1	8.88 - 13.3
Roche Cobas 4000/c311 (IFCC)	mmol/mol	97.8	78.2 - 117
Roche Cobas 6000/8000 (DCCT/NGSP)	%HbA1c	11.0	8.8 - 13.2
Roche Cobas 6000/8000 (IFCC)	mmol/mol	96.7	77.4 - 116
Roche Cobas c303/c503 (DCCT/NGSP)	%HbA1c	11.2	8.96 - 13.4
Roche Cobas c303/c503 (IFCC)	mmol/mol	98.9	79.1 - 119
Roche Cobas c513 (DCCT/NGSP)	%HbA1c	11.3	9.04 - 13.6
Roche Cobas c513 (IFCC)	mmol/mol	100	80.0 - 120
Roche Integra (DCCT/NGSP)	%HbA1c	11.1	8.88 - 13.3
Roche Integra (IFCC)	mmol/mol	97.8	78.2 - 117
Roche Modular P/Cobas c111 (DCCT/NGSP)	%HbA1c	11.2	8.96 - 13.4
Roche Modular P/Cobas c111 (IFCC)	mmol/mol	98.9	79.1 - 119
Sebia Capillarys / Minicap (DCCT/NGSP)	%HbA1c	10.6	8.48 - 12.7
Sebia Capillarys / Minicap (IFCC)	mmol/mol	92.4	73.9 - 111
Siemens Advia CH A1c_E (DCCT/NGSP)	%HbA1c	10.0	8.00 - 12.0
Siemens Advia CH A1c_E (IFCC)	mmol/mol	85.8	68.6 - 103
Siemens Atellica CH A1c_3 (DCCT/NGSP)	%HbA1c	10.3	8.24 - 12.4
Siemens Atellica CH A1c_3 (IFCC)	mmol/mol	89.1	71.3 - 107
Siemens Atellica CH A1c_E (DCCT/NGSP)	%HbA1c	10.3	8.24 - 12.4
Siemens Atellica CH A1c_E (IFCC)	mmol/mol	89.1	71.3 - 107
Siemens DCA2000/Vantage (DCCT/NGSP)	%HbA1c	11.7	9.36 - 14.0
Siemens DCA2000/Vantage (IFCC)	mmol/mol	104	83.2 - 125
Siemens/Dade Dimension (DCCT/NGSP)	%HbA1c	11.0	8.80 - 13.2
Siemens/Dade Dimension (IFCC)	mmol/mol	96.7	77.4 - 116
Tokyo Boeki/Prestige 24i (DCCT/NGSP)	%HbA1c	10.7	8.56 - 12.8
Tokyo Boeki/Prestige 24i (IFCC)	mmol/mol	93.4	74.7 - 112
TOSOH G8 Automated HPLC Analyser (DCCT/NGSP)	%HbA1c	10.8	9.97 - 11.6
TOSOH G8 Automated HPLC Analyser (IFCC)	mmol/mol	94.9	87.3 - 103
TOSOH GX Automated HPLC Analyser (DCCT/NGSP)	%HbA1c	10.7	9.88 - 11.5
TOSOH GX Automated HPLC Analyser (IFCC)	mmol/mol	93.8	86.3 - 101
TOSOH G11 Automated HPLC Analyser (DCCT/NGSP)	%HbA1c	10.7	9.85 - 11.5
TOSOH G11 Automated HPLC Analyser (IFCC)	mmol/mol	93.6	86.1 - 101
Wondfo Finecare Meter (DCCT/NGSP)	%HbA1c	11.0	8.8 - 13.2
Wondfo Finecare Meter (IFCC)	mmol/mol	96.7	77.4 - 116

Total Haemoglobin 总血红蛋白	Units 单位	Target 靶值	Range 范围
Beckman AU Instruments	g/dl	12.9	10.3 - 15.5
Roche Cobas 6000/8000	g/dl	14.7	11.8 - 17.6
Roche Integra	g/dl	13.5	10.8 - 16.2
Randox RX Series	g/dl	14.4	11.5 - 17.3

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