

【英文名称】: **CALIBRATION SERUM LEVEL 3 (CAL 3)**

【中文名称】: 校准血清 (CAL3)

【货号】 (CAT. NUMBER): **CAL2351**

【包装规格】 (SIZE): **20 x 5 ml**

【批号】 (LOT NUMBER): **I374UE**

【到期】 (EXPIRY): **2026-11-28**

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: 17 Oct '24 me

Abbott Alinity c		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	2.95	Abbott Alinity 白蛋白 溴甲酚绿 2	Abbott Alinity Albumin BCG 2
		g/l	29.5		
		g/dl	2.80	Abbott Alinity 白蛋白 溴甲酚紫 2	Abbott Alinity Albumin BCP 2
		g/l	28.0		
		g/dl	2.94	溴甲酚绿	Bromocresol Green
		g/l	29.4		
Alkaline Phosphatase	碱性磷酸酶	U/l	466	Abbott Alinity 碱性磷酸酶 2	Abbott Alinity Alkaline Phosphatase 2
		U/l	463	非推荐AMP	AMP non-optimised
		U/l	458	IFCC推荐AMP	AMP optimised to IFCC
ALT (GPT)	丙氨酸氨基转移酶	U/l	123	Abbott Alinity 丙氨酸氨基转移酶 2	Abbott Alinity ALT 2
		U/l	141	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	128	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Amylase Pancreatic	胰淀粉酶	U/l	247	淀粉分解法	Amylolytic Methods
		U/l	246	免疫抑制EPS底物法	Immunoinhibition, EPS substrate
Amylase Total	淀粉酶	U/l	301	Abbott Alinity 淀粉酶 2	Abbott Alinity Amylase 2
		U/l	302	Abbott Architect / Alinity cal factor 343I	Abbott Architect/Alinity cal factor 343I
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	150	Abbott Alinity 谷草转氨酶 2	Abbott Alinity AST 2
		U/l	167	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	154	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bicarbonate	碳酸氢盐	mmol/l	11.8	酶法	Enzymatic
		mmol/l	11.7	PEP羧化酶	PEP Carboxylase
Bile Acids	胆汁酸	μmol/l	45.5	酶比色法	Enzymatic Colorimetric

Abbott Alinity c			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Bilirubin Direct	直接胆红素	mg/dl	1.57	重氮与二氯苯胺	Diazo with Dichloroaniline
		μmol/l	26.8		
		mg/dl	1.59	重氮化对氨基苯磺酸法	Diazo With Sulphanilic Acid
		μmol/l	27.2		
Bilirubin Total	总胆红素	mg/dl	4.86	Abbott Alinity / Architect calibrator batch no >97447/8/9	Abbott Alin/Arch cal batch no >97447/8/9
		μmol/l	83.1		
		mg/dl	5.11	Abbott Alinity 总胆红素 2	Abbott Alinity Total Bilirubin 2
		μmol/l	87.3		
		mg/dl	5.01	重氮与二氯苯胺	Diazo With Dichloroaniline
		μmol/l	85.6		
		mg/dl	4.95	重氮离子法	Diazonium Ion
		μmol/l	84.7		
Calcium	钙	mg/dl	12.1	偶氮砷III法	Arsenazo III
		mmol/l	3.03		
Chloride	氯	mmol/l	115	离子选择性电极-间接法	ISE Indirect
Cholesterol	胆固醇	mg/dl	278	Abbott Alinity 胆固醇 2	Abbott Alinity Cholesterol 2
		mmol/l	7.20		

Abbott Alinity c		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Cholesterol	胆固醇	mg/dl	278	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.19		
Cholinesterase	胆碱脂酶	U/l	6334	硫代丁酰胆碱比色法	Colorimetric - Butyrylthiocholine
CK Total	肌酸激酶 (总)	U/l	563	Abbott CK-NAC (IFCC)	Abbott CK-NAC (IFCC)
		U/l	561	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)
Copper	铜	µg/dl	166	比色法	Colorimetric
		µmol/l	26.1		
Creatinine	肌酐	mg/dl	3.95	Abbott Alinity 肌酐 2	Abbott Alinity Creatinine 2
		µmol/l	350		
		mg/dl	4.01	碱性苦味酸盐法 (未去蛋白)	Alkaline picrate no deproteinisation
		µmol/l	355		
gamma-GT	谷氨酰转移酶 (GGT)	mg/dl	4.16	竞争速率法(-26 µmol/l)	Jaffe rate blanked comp. (-26µmol/l)
		µmol/l	368		
		U/l	162	Abbott Alinity 谷氨酰转移酶 2	Abbott Alinity GGT 2
		U/l	163	γ-谷氨酰-3-羧基-4-硝基苯胺	Gamma glut-3-carb-4-nitro.
Glucose	葡萄糖	U/l	160	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
		mg/dl	276	己糖激酶法	Hexokinase
		mmol/l	15.3		
Iron	铁	µg/dl	228	Abbott Alinity 铁 2	Abbott Alinity Iron 2
		µmol/l	40.8		
		µg/dl	225	比色法 (不含ppt.)	Colorimetric without ppt.
		µmol/l	40.3		

Abbott Alinity c		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Lactate	乳酸	mg/dl	49.9	乳酸氧化酶比色法	Colorimetric - Lactate oxidase
		mmol/l	5.54		
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	320	Abbott Alinity 乳酸脱氢酶 2	Abbott Alinity LD 2
		U/l	325	L->P, (IFCC)	L to P, IFCC
		U/l	312	L->P	Lactate to Pyruvate methods
Lipase	脂肪酶	U/l	95	其他比色法	Other Colorimetric
Lithium	锂	mg/dl	1.45	分光光度法	Spectrophotometric
		mmol/l	2.09		
Magnesium	镁	mg/dl	4.57	偶氮砷III法	Arsenazo III
		mmol/l	1.88		
		mg/dl	4.59	酶法	Enzymatic
Phosphate Inorganic	无机磷	mg/dl	6.91	磷钼酸盐酶法	Phosphomolybdate Enzymatic
		mmol/l	2.23		
		mg/dl	7.01	磷钼酸盐紫外线法	Phosphomolybdate UV
Potassium	钾	mmol/l	2.26	离子选择性电极-间接法	ISE method - indirect
		mmol/l	6.07		

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包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Protein Total	总蛋白	g/dl	4.80	Abbott Alinity 总蛋白 2	Abbott Alinity Total Protein 2
		g/l	48.0		
		g/dl	4.78	双缩脲反应终点法	Biuret reaction, end point
		g/l	47.8		
Sodium	钠	mmol/l	157	离子选择性电极-间接法	ISE method - indirect
TIBC	总铁结合力(TIBC)	µg/dl	247	FE+UIBC (含铁饱和)	FE+UIBC(saturation with iron)
		µmol/l	44.2		
Triglycerides	甘油三酸酯	mg/dl	240	Abbott Alinity i	Abbott Alinity i
		mmol/l	2.71		
		mg/dl	239	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.70		
Urea	尿素	mg/dl	126	Abbott Architect 尿素氮 2	Abbott Architect Urea Nitrogen 2
		mg/dl (BUN)	58.8		
		mmol/l	21.0		
		mg/dl	126	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	58.5		
		mmol/l	20.9		

Abbott Alinity c		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit	Target	方法	Method
Uric Acid (Urate)	尿酸	mg/dl	8.94	Abbott Alinity 尿酸 2	Abbott Alinity Uric Acid 2
		mmol/l	0.532		
		mg/dl	9.06	尿酸酶过氧化物酶比色法 (不含抗坏血酸氧化酶)	Uricase perox. no ascorb. ox.
		mmol/l	0.539		
		mg/dl	8.79	尿酸酶过氧化物酶比色法	Uricase Perox. with ascorb. ox
		mmol/l	0.523	(含抗坏血酸氧化酶)	
		mg/dl	8.77	尿酸酶过氧化物酶比色法	Uricase Perox. with ascorb. ox @ 546nm
		mmol/l	0.522	(含抗坏血酸氧化酶) @546nm	

Abbott Architect c Systems			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
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包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	2.98	Abbott Architect 白蛋白 溴甲酚绿 2	Abbott Architect Albumin BCG 2
		g/l	29.8		
		g/dl	2.95	Abbott Architect 白蛋白 溴甲酚紫 2	Abbott Architect Albumin BCP 2
		g/l	29.5		
		g/dl	2.97	溴甲酚绿	Bromocresol Green
		g/l	29.7		
Alkaline Phosphatase	碱性磷酸酶	U/l	468	Abbott Architect 碱性磷酸酶 2	Abbott Architect Alkaline Phosphatase 2
		U/l	461	非推荐AMP	AMP non-optimised
		U/l	460	IFCC推荐AMP	AMP optimised to IFCC
ALT (GPT)	丙氨酸氨基转移酶	U/l	127	Abbott Architect 丙氨酸氨基转移酶 2	Abbott Architect ALT 2
		U/l	140	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	128	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Amylase Pancreatic	胰淀粉酶	U/l	251	免疫抑制EPS底物法	Immunoinhibition, EPS substrate
Amylase Total	淀粉酶	U/l	303	Abbott Architect 淀粉酶 2	Abbott Architect Amylase 2
		U/l	316	Abbott Architect / Alinity cal factor 3806	Abbott Architect/Alinity cal factor 3806
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	149	Abbott Architect 谷草转氨酶 2	Abbott Architect AST 2
		U/l	165	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	148	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bicarbonate	碳酸氢盐	mmol/l	9.93	酶法	Enzymatic
Bile Acids	胆汁酸	μmol/l	46.9	酶比色法	Enzymatic Colorimetric

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包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Bilirubin Direct	直接胆红素	mg/dl	1.63	重氮与二氯苯胺	Diazo with Dichloroaniline
		μmol/l	27.8		
		mg/dl	1.59	重氮化对氨基苯磺酸法	Diazo With Sulphanilic Acid
		μmol/l	27.1		
Bilirubin Total	总胆红素	mg/dl	4.88	Abbott Alinity / Architect calibrator batch no >97447/8/9	Abbott Alin/Arch cal batch no >97447/8/9
		μmol/l	83.5		
		mg/dl	5.00	重氮与二氯苯胺	Diazo With Dichloroaniline
		μmol/l	85.4		
		mg/dl	4.99	重氮化对氨基苯磺酸法	Diazo With Sulphanilic Acid
		μmol/l	85.3		
		mg/dl	4.93	重氮离子法	Diazonium Ion
		μmol/l	84.2		
Calcium	钙	mg/dl	12.0	偶氮砷III法	Arsenazo III
		mmol/l	3.00		
Chloride	氯	mmol/l	114	离子选择性电极-间接法	ISE Indirect
Cholesterol	胆固醇	mg/dl	280	Abbott Architect 胆固醇 2	Abbott Architect Cholesterol 2
		mmol/l	7.24		
		mg/dl	282	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.31		

Abbott Architect c Systems			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Cholinesterase	胆碱脂酶	U/l	6378	硫代丁酰胆碱比色法	Colorimetric - Butyrylthiocholine
CK Total	肌酸激酶 (总)	U/l	545	Abbott CK-NAC (IFCC)	Abbott CK-NAC (IFCC)
		U/l	544	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)
Creatinine	肌酐	mg/dl	3.98	Abbott Architect 肌酐 2	Abbott Architect Creatinine 2
		μmol/l	352		
		mg/dl	3.93	碱性苦味酸盐法 (未去蛋白)	Alkaline picrate no deproteinisation
		μmol/l	348		
gamma-GT	谷氨酰转移酶 (GGT)	U/l	166	Abbott Architect 谷氨酰转移酶 2	Abbott Architect GGT 2
		U/l	167	γ-谷氨酰-3-羧基-4-硝基苯胺	Gamma glut-3-carb.-4-nitro.
		U/l	164	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
Glucose	葡萄糖	mg/dl	277	己糖激酶法	Hexokinase
		mmol/l	15.4		
Iron	铁	μg/dl	231	Abbott Architect 化学发光法 2	Abbott Architect Chemilum
		μmol/l	41.4		
		μg/dl	229	比色法 (不含ppt.)	Colorimetric without ppt.
		μmol/l	40.9		
Lactate	乳酸	mg/dl	50.4	乳酸氧化酶比色法	Colorimetric - Lactate oxidase
		mmol/l	5.59		
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	318	Abbott Architect 乳酸脱氢酶 2	Abbott Architect LD 2
		U/l	318	L->P, (IFCC)	L to P, IFCC
Lipase	脂肪酶	U/l	92	其他比色法	Other Colorimetric

Abbott Architect c Systems			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Lithium	锂	mg/dl	1.45	分光光度法	Spectrophotometric
		mmol/l	2.09		
Magnesium	镁	mg/dl	4.40	偶氮砷III法	Arsenazo III
		mmol/l	1.81		
		mg/dl	4.52	酶法	Enzymatic
		mmol/l	1.86		
Phosphate Inorganic	无机磷	mg/dl	7.04	磷钼酸盐酶法	Phosphomolybdate Enzymatic
		mmol/l	2.27		
		mg/dl	7.04	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.27		
Potassium	钾	mmol/l	6.09	离子选择性电极-间接法	ISE method - indirect
Protein Total	总蛋白	g/dl	4.96	Abbott Architect 总蛋白 2	Abbott Architect total Protein 2
		g/l	49.6		
		g/dl	4.94	双缩脲反应终点法	Biuret reaction, end point
		g/l	49.4		
Sodium	钠	mmol/l	157	离子选择性电极-间接法	ISE method - indirect
TIBC	总铁结合力(TIBC)	µg/dl	233	由转铁蛋白计算	Calculated from Transferrin
		µmol/l	41.7		

Abbott Architect c Systems			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
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包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
TIBC	总铁结合力(TIBC)	µg/dl	254	FE+UIBC (含铁饱和)	FE+UIBC(saturation with iron)
		µmol/l	45.4		
Triglycerides	甘油三酸酯	mg/dl	242	Abbott Architect 甘油三酸酯 2	Abbott Architect Triglyceride 2
		mmol/l	2.73		
		mg/dl	242	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.73		
Urea	尿素	mg/dl	127	Abbott Architect 尿素氮 2	Abbott Architect Urea Nitrogen 2
		mg/dl (BUN)	59.1		
		mmol/l	21.1		
		mg/dl	127	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	59.1		
		mmol/l	21.1		
Uric Acid (Urate)	尿酸	mg/dl	9.08	Abbott Architect 尿酸 2	Abbott Architect Uric Acid 2
		mmol/l	0.540		
		mg/dl	9.06	尿酸酶过氧化物酶比色法 (不含抗坏血酸氧化酶)	Uricase perox. no ascorb. ox.
		mmol/l	0.539		
		mg/dl	9.03	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶)	Uricase Perox. with ascorb. ox
		mmol/l	0.537		

Beckman Coulter AU Series			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	2.97	溴甲酚绿	Bromocresol Green
		g/l	29.7		
Alkaline Phosphatase	碱性磷酸酶	U/l	507	IFCC推荐AMP	AMP optimised to IFCC
		U/l	502	Beckman AMP (校准)	Beckman AMP (Calibrator)
		U/l	508	Beckman AMP (消光系数)	Beckman AMP (Extinction Coeff)
		U/l	614	二乙醇胺 (DEA)缓冲液	Diethanolamine buffer, DEA
ALT (GPT)	丙氨酸氨基转移酶	U/l	133	Beckman (消光系数)	Beckman (Extinction Coefficient)
		U/l	138	Beckman 修改的IFCC参考方法 (不含P5P)	Beckman Mod. IFCC Ref. without P5P
Amylase Total	淀粉酶	U/l	286	Beckman 阻断 Pnpg7	Beckman blocked pNPG7
		U/l	279	Beckman CNPG3 消光系数)	Beckman CNPG3 (Extinction Coeff)
		U/l	287	Beckman CNPG3 (Master Cal)	Beckman CNPG3 (Master Cal)
		U/l	295	Beckman 麦芽四糖	Beckman maltotetraose
		U/l	295	Beckman 麦芽四糖	Beckman maltotetraose
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	131	Beckman (消光系数)	Beckman (Extinction Coefficient)
		U/l	140	Beckman 修改的IFCC参考方法 (不含P5P)	Beckman Mod. IFCC Ref. without P5P
Bicarbonate	碳酸氢盐	mmol/l	13.5	PEP羧化酶	PEP Carboxylase
Bile Acids		μmol/l	45.3	酶比色法	Enzymatic Colorimetric
		μmol/l	46.9	酶比色法 - Sentinel	Enzymatic Colorimetric - Sentinel
Bilirubin Direct	直接胆红素	mg/dl	1.30	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	22.3		
Bilirubin Total	总胆红素	mg/dl	5.26	DPD (Beckman AU)	DPD (Beckman AU)
		μmol/l	89.9		

Beckman Coulter AU Series			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Calcium	钙	mg/dl	12.4	偶氮砷III法	Arsenazo III
		mmol/l	3.09		
Chloride	氯	mmol/l	112	离子选择性电极-间接法	ISE Indirect
Cholesterol	胆固醇	mg/dl	278	胆固醇脱氢酶	Cholesterol Dehydrogenase
		mmol/l	7.21		
		mg/dl	280	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.25		
		mg/dl	292	胆固醇氧化酶 - IDMS	Cholesterol Oxidase - IDMS
		mmol/l	7.55		
CK Total	肌酸激酶 (总)	U/l	546	Beckman CK-NAC (消光系数)	Beckman CK-NAC (Extinction Coeff)
		U/l	578	Beckman CK-NAC (IFCC)	Beckman CK-NAC (IFCC)
		U/l	598	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)
Copper	铜	µg/dl	167	比色法	Colorimetric
		µmol/l	26.3		
Creatinine	肌酐	mg/dl	3.81	碱性苦味酸盐法 (未去蛋白)	Alkaline picrate no deproteinisation
		µmol/l	337		
		mg/dl	3.91	可追溯至同位素稀释质谱法 (IDMS)	IDMS Traceable
		µmol/l	346		

Beckman Coulter AU Series			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Creatinine	肌酐	mg/dl	3.72	抑制速率法	Jaffe Rate Blanked
		μmol/l	329		
		mg/dl	4.14	代偿速率法(-18 umol/l)	Jaffe rate comp. (-18umol/l)
		μmol/l	366		
D-3-Hydroxybutyrate	D-3-羟基丁酸	mmol/l	1.17	Tris缓冲液100mmol, pH 8.5	Tris buffer 100mmol pH 8.5
gamma-GT	谷氨酰转移酶 (GGT)	U/l	161	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
GLDH	谷氨酸脱氢酶 (GLDH)	U/l	32	三乙醇胺缓冲液	Triethanolamine buffer
Glucose	葡萄糖	mg/dl	274	葡糖氧化酶法	Glucose Oxidase
		mmol/l	15.2		
		mg/dl	274	己糖激酶法	Hexokinase
		mmol/l	15.2		
Iron	铁	μg/dl	222	比色法 (含ppt.)	Colorimetric with ppt.
		μmol/l	39.8		
		μg/dl	220	比色法 (不含ppt.)	Colorimetric without ppt.
		μmol/l	39.4		
Lactate	乳酸	mg/dl	47.3	乳酸氧化酶比色法	Colorimetric - Lactate oxidase
		mmol/l	5.25		
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	293	L至P贝克曼 (消光系数)	L to P Beckman (Extinction Coeff)
		U/l	329	L->P, (IFCC)	L to P, IFCC
		U/l	705	P->L 斯堪的纳维亚和荷兰	P to L Scandinavian & Dutch

Beckman Coulter AU Series			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Lipase	脂肪酶	U/l	130	Randox 比色法	Colorimetric Randox
		U/l	90	其他比色法	Other Colorimetric
Lithium	锂	mg/dl	1.44	分光光度法	Spectrophotometric
		mmol/l	2.08		
Magnesium	镁	mg/dl	4.50	二甲苯胺蓝法	Xylidyl Blue
		mmol/l	1.85		
Phosphate Inorganic	无机磷	mg/dl	7.04	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.27		
Potassium	钾	mmol/l	6.04	离子选择性电极-间接法	ISE method - indirect
Protein Total	总蛋白	g/dl	4.62	双缩脲反应终点法	Biuret reaction, end point
		g/l	46.2		
Sodium	钠	mmol/l	156	离子选择性电极-间接法	ISE method - indirect
TIBC	总铁结合力(TIBC)	µg/dl	240	直接比色法	Direct Colorimetric
		µmol/l	43.0		
		µg/dl	241	FE+UIBC (含铁饱和)	FE+UIBC(saturation with iron)
		µmol/l	43.2		
Triglycerides	甘油三酸酯	mg/dl	249	脂肪酶/GK UV (无校正)	Lipase/GK UV. no correction
		mmol/l	2.81		

Beckman Coulter AU Series			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Triglycerides	甘油三酸酯	mg/dl	250	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.83		
Urea	尿素	mg/dl	128	脲酶终点法	Urease, end point
		mg/dl (BUN)	59.6		
		mmol/l	21.3		
		mg/dl	126	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	58.8		
		mmol/l	21.0		
Uric Acid (Urate)	尿酸	mg/dl	9.33	Beckman AU Non US calibrator (66300)	Beckman AU Non US calibrator (66300)
		mmol/l	0.555		
		mg/dl	9.28	尿酸酶过氧化物酶比色法 (不含抗坏血酸氧化酶)	Uricase perox. no ascorb. ox.
		mmol/l	0.552		
		mg/dl	9.29	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶)	Uricase Perox. with ascorb. ox
mmol/l	0.553				

Method 所有仪器均值		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	2.95	Abbott Alinity 白蛋白 溴甲酚绿 2	Abbott Alinity Albumin BCG 2
		g/l	29.5		
		g/dl	2.80	Abbott Alinity 白蛋白 溴甲酚紫 2	Abbott Alinity Albumin BCP 2
		g/l	28.0		
		g/dl	2.98	Abbott Architect 白蛋白 溴甲酚绿 2	Abbott Architect Albumin BCG 2
		g/l	29.8		
		g/dl	2.96	Abbott Architect 白蛋白 溴甲酚紫 2	Abbott Architect Albumin BCP 2
		g/l	29.6		
		g/dl	3.15	溴甲酚绿	Bromocresol Green
		g/l	31.5		
		g/dl	2.86	溴甲酚紫	Bromocresol Purple
		g/l	28.6		
Alkaline Phosphatase	碱性磷酸酶	g/dl	3.14	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		g/l	31.4		
		g/dl	2.73	比浊法	Turbidimetric Assays
		g/l	27.3		
		U/l	466	Abbott Alinity 碱性磷酸酶 2	Abbott Alinity Alkaline Phosphatase 2
		U/l	467	Abbott Architect 碱性磷酸酶 2	Abbott Architect Alkaline Phosphatase 2
		U/l	462	非推荐AMP	AMP non-optimised
		U/l	467	IFCC推荐AMP	AMP optimised to IFCC
		U/l	502	Beckman AMP (校准)	Beckman AMP (Calibrator)
		U/l	420	比色法	Colorimetric
		U/l	365	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		U/l	417	Roche AMP 缓冲液 IFCC	Roche AMP buffer IFCC
U/l	431	Siemens/Dade Dimension AMP缓冲液	Siemens/Dade Dimension AMP buffer		

Method 所有仪器均值		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 （CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
ALT (GPT)	丙氨酸氨基转移酶	U/l	123	Abbott Alinity 丙氨酸氨基转移酶 2	Abbott Alinity ALT 2
		U/l	127	Abbott Architect 丙氨酸氨基转移酶 2	Abbott Architect ALT 2
		U/l	138	Beckman 修改的IFCC参考方法 （不含P5P)	Beckman Mod. IFCC Ref. without P5P
		U/l	146	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		U/l	146	奥森多干化学法	Ortho Vitros MicroSlide visible
		U/l	138	Tris缓冲液（ 含P5P)	Tris Buffer With P5P
		U/l	131	Tris缓冲液（ 不含P5P)	Tris Buffer Without P5P
Amylase Pancreatic	胰淀粉酶	U/l	251	免疫抑制EPS底物法	Immunoinhibition, EPS substrate
		U/l	247	Roche 液体稳定 pNPG7	Roche Liquid Stable pNPG7
Amylase Total	淀粉酶	U/l	301	Abbott Alinity 淀粉酶 2	Abbott Alinity Amylase 2
		U/l	304	Abbott Architect 淀粉酶 2	Abbott Architect Amylase 2
		U/l	301	Abbott Architect / Alinity cal factor 3431	Abbott Architect/Alinity cal factor 3431
		U/l	286	Beckman 阻断 Pnpg7	Beckman blocked pNPG7
		U/l	287	Beckman CNPG3 (Master Cal)	Beckman CNPG3 (Master Cal)

Method 所有仪器均值		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Amylase Total	淀粉酶	U/l	273	BM/Roche 比色 pNPG7	BM/Roche, Colorimetric pNPG7
		U/l	167	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		U/l	275	Roche Integra 2-氯-pNPG7	Roche Integra 2-chloro-pNPG7
		U/l	274	Roche 液体稳定 pNPG7	Roche Liquid Stable pNPG7
		U/l	316	Siemens 阻断 pNPG7	Siemens - blocked pNPG7
		U/l	327	Siemens/Dade Behring 2-氯-pNPG3	Siemens/Dade Behring 2-chloro-pNPG3
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	150	Abbott Alinity 谷草转氨酶 2	Abbott Alinity AST 2
		U/l	149	Abbott Architect 谷草转氨酶 2	Abbott Architect AST 2
		U/l	140	Beckman 修改的IFCC参考方法 (不含P5P)	Beckman Mod. IFCC Ref. without P5P
		U/l	171	奥森多干化学法	Ortho Vitros MicroSlide visible
		U/l	157	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	134	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bicarbonate	碳酸氢盐	mmol/l	12.0	酶法	Enzymatic
Bile Acids	胆汁酸	μmol/l	45.2	第 5 代比色法	5th Generation Colorimetric
		μmol/l	45.1	酶比色法	Enzymatic Colorimetric
Bilirubin Direct	直接胆红素	mg/dl	1.95	改良 Jendrassik法	Modified Jendrassik
		μmol/l	33.4		
		mg/dl	1.61	重氮与二氯苯胺	Diazo with Dichloroaniline
		μmol/l	27.5		
		mg/dl	1.67	重氮化对氨基苯磺酸法	Diazo With Sulphanilic Acid
		μmol/l	28.5		
		mg/dl	1.14	Siemens Dimension 重氮化对氨基苯磺酸法	Diazo/ Sulphanilic Siemens Dimension
		μmol/l	19.5		
		mg/dl	1.71	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate
		μmol/l	29.2		
		mg/dl	1.68	Roche DPD Doumas 标准化	Roche DPD Doumas standardised
		μmol/l	28.8		
		mg/dl	1.91	Roche DPD JG 标准化	Roche DPD JG standardised
		μmol/l	32.7		

Method 所有仪器均值		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Bilirubin Total	总胆红素	mg/dl	5.06	改良 Jendrassik法	Modified Jendrassik
		μmol/l	86.5		
		mg/dl	4.88	Abbott Alinity / Architect calibrator batch no >97447/8/9	Abbott Alin/Arch cal batch no >97447/8/9
		μmol/l	83.5		
		mg/dl	5.01	重氮与二氯苯胺	Diazo With Dichloroaniline
		μmol/l	85.6		
		mg/dl	5.04	重氮化对氨基苯磺酸法	Diazo With Sulphanilic Acid
		μmol/l	86.1		
		mg/dl	4.79	重氮离子法	Diazonium Ion
		μmol/l	81.8		
		mg/dl	4.63	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	79.2		
		mg/dl	5.26	DPD (Beckman AU)	DPD (Beckman AU)
		μmol/l	89.9		
mg/dl	5.09	Ortho Vitros MicroSlide Total Bilirubin	Ortho Vitros MicroSlide Total Bil		
μmol/l	87.0				
mg/dl	5.76	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate		
μmol/l	98.4				
Calcium	钙	mg/dl	12.2	偶氮砷III法	Arsenazo III
		mmol/l	3.05		
		mg/dl	12.4	甲酚酞络合剂比色法	Cresolphthalein Complexone
		mmol/l	3.09		
		mg/dl	12.4	NM-BAPTA	NM-BAPTA
		mmol/l	3.09		
		mg/dl	12.2	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		mmol/l	3.05		

Method 所有仪器均值		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Chloride	氯	mmol/l	112	离子选择性电极-直接法	ISE Direct
		mmol/l	112	离子选择性电极-间接法	ISE Indirect
		mmol/l	116	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
Cholesterol	胆固醇	mg/dl	278	Abbott Alinity 胆固醇 2	Abbott Alinity Cholesterol 2
		mmol/l	7.20		
		mg/dl	280	Abbott Architect 胆固醇 2	Abbott Architect Cholesterol 2
		mmol/l	7.24		
		mg/dl	278	胆固醇脱氢酶	Cholesterol Dehydrogenase
		mmol/l	7.19		
		mg/dl	282	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.31		
		mg/dl	282	胆固醇氧化酶 - IDMS	Cholesterol Oxidase - IDMS
		mmol/l	7.30		
		mg/dl	275	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		mmol/l	7.11		
		mg/dl	265	Siemens Dimension	Siemens Dimension
		mmol/l	6.86		
Cholinesterase	胆碱脂酶	U/l	5769	硫代丁酰胆碱比色法	Colorimetric - Butyrylthiocholine
CK Total	肌酸激酶 (总)	U/l	554	Abbott CK-NAC (IFCC)	Abbott CK-NAC (IFCC)
		U/l	578	Beckman CK-NAC (IFCC)	Beckman CK-NAC (IFCC)
		U/l	527	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)
		U/l	530	肌酸激酶-NAC 底物启动 (DGKC)	CK-NAC substrate start (DGKC)
		U/l	528	磷酸肌酸 底物启动	Creatine Phosphate Substrate Start
		U/l	452	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems

Method 所有仪器均值		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Copper	铜	µg/dl	165	比色法	Colorimetric
		µmol/l	25.9		
Creatinine	肌酐	mg/dl	3.95	Abbott Alinity 肌酐 2	Abbott Alinity Creatinine 2
		µmol/l	350		
		mg/dl	3.98	Abbott Architect 肌酐 2	Abbott Architect Creatinine 2
		µmol/l	352		
		mg/dl	3.92	碱性苦味酸盐法 (未去蛋白)	Alkaline picrate no deproteinisation
		µmol/l	347		
		mg/dl	3.91	可追溯至同位素稀释质谱法 (IDMS)	IDMS Traceable
		µmol/l	346		
		mg/dl	3.85	抑制速率法	Jaffe Rate Blanked
		µmol/l	341		
		mg/dl	4.25	竞争速率法(-26 µmol/l)	Jaffe rate blanked comp. (-26umol/l)
		µmol/l	376		
		mg/dl	4.12	代偿速率法(-18 umol/l)	Jaffe rate comp. (-18umol/l)
		µmol/l	365		
		mg/dl	4.12	罗氏肌酐Plus	Roche Creatinine Plus
		µmol/l	365		
		mg/dl	3.98	Vitros 可追溯至IDMS	Vitros, IDMS traceable
µmol/l	352				
D-3-Hydroxybutyrate	D-3-羟基丁酸	mmol/l	1.16	Tris缓冲液100mmol, pH 8.5	Tris buffer 100mmol pH 8.5
gamma-GT	谷氨酰转移酶 (GGT)	U/l	162	Abbott Alinity 谷氨酰转移酶 2	Abbott Alinity GGT 2
		U/l	165	Abbott Architect 谷氨酰转移酶 2	Abbott Architect GGT 2
		U/l	154	γ-谷氨酰-3-羧基-4-硝基苯胺	Gamma glut.-3-carb.-4-nitro.
		U/l	163	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
		U/l	180	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems

Method 所有仪器均值			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
GLDH	谷氨酸脱氢酶 (GLDH)	U/l	32	三乙醇胺缓冲液	Triethanolamine buffer
Glucose	葡萄糖	mg/dl	277	葡糖氧化酶法	Glucose Oxidase
		mmol/l	15.4		
		mg/dl	276	己糖激酶法	Hexokinase
		mmol/l	15.3		
		mg/dl	259	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		mmol/l	14.4		
Iron	铁	µg/dl	228	Abbott Alinity 铁 2	Abbott Alinity Iron 2
		µmol/l	40.8		
		µg/dl	231	Abbott Architect 化学发光法 2	Abbott Architect Chemilum
		µmol/l	41.3		
		µg/dl	216	比色法 (含ppt.)	Colorimetric with ppt.
		µmol/l	38.6		
		µg/dl	217	比色法 (不含ppt.)	Colorimetric without ppt.
		µmol/l	38.9		
		µg/dl	207	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		µmol/l	37.0		
Lactate	乳酸	mg/dl	48.5	乳酸氧化酶比色法	Colorimetric - Lactate oxidase
		mmol/l	5.38		
		mg/dl	46.2	酶电极法	Enzymatic Electrode
		mmol/l	5.13		
		mg/dl	48.6	离子选择性电极法	Ion Selective Electrode
		mmol/l	5.40		

Method 所有仪器均值			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	320	Abbott Alinity 乳酸脱氢酶 2	Abbott Alinity LD 2
		U/l	317	Abbott Architect 乳酸脱氢酶 2	Abbott Architect LD 2
		U/l	332	L->P, (IFCC)	L to P, IFCC
		U/l	320	L->P	Lactate to Pyruvate methods
		U/l	386	奥森多可溯源至IFCC	Ortho Vitros IFCC Traceable
		U/l	707	P->L 斯堪的纳维亚和荷兰	P to L Scandinavian & Dutch
		U/l	669	P->L 德国方法	P to L German methods
		U/l	666	P to L, SFBC	P to L, SFBC
Lipase	脂肪酶	U/l	130	Randox 比色法	Colorimetric Randox
		U/l	98	罗氏比色法	Colorimetric Roche
		U/l	1106	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		U/l	95	其他比色法	Other Colorimetric
Lithium	锂	mg/dl	1.50	离子选择性电极法	Ion Selective Electrode
		mmol/l	2.16		
		mg/dl	1.47	分光光度法	Spectrophotometric
		mmol/l	2.11		
Magnesium	镁	mg/dl	4.50	偶氮砷III法	Arsenazo III
		mmol/l	1.85		
		mg/dl	4.47	偶氮氯膦III法	Chlorphosphonazo III
		mmol/l	1.84		
		mg/dl	4.54	酶法	Enzymatic
		mmol/l	1.87		
		mg/dl	4.45	甲基百里酚蓝	Methylthymol Blue
		mmol/l	1.83		
		mg/dl	4.59	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		mmol/l	1.89		
		mg/dl	4.47	二甲苯胺蓝法	Xylidyl Blue
		mmol/l	1.84		

Method 所有仪器均值		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Osmolality	摩尔渗透压浓度	mOsm/ Kg	352	计算	Calculated
		mOsm/ Kg	386	凝固点降低法	Freezing Point Depression
Phosphate Inorganic	无机磷	mg/dl	6.97	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		mmol/l	2.25		
		mg/dl	7.04	磷钼酸盐酶法	Phosphomolybdate Enzymatic
		mmol/l	2.27		
		mg/dl	7.04	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.27		
Potassium	钾	mmol/l	5.99	离子选择性电极-直接法	ISE method - direct
		mmol/l	6.10	离子选择性电极-间接法	ISE method - indirect
Protein Total	总蛋白	g/dl	4.80	Abbott Alinity 总蛋白 2	Abbott Alinity Total Protein 2
		g/l	48.0		
		g/dl	4.96	Abbott Architect 总蛋白 2	Abbott Architect total Protein 2
		g/l	49.6		
		g/dl	4.61	双缩脲反应终点法	Biuret reaction, end point
		g/l	46.1		
		g/dl	4.58	双缩脲反应动力法	Biuret reaction, kinetic
		g/l	45.8		
		g/dl	4.89	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		g/l	48.9		
Sodium	钠	mmol/l	156	酶法	Enzymatic
		mmol/l	154	离子选择性电极-直接法	ISE method - direct
		mmol/l	157	离子选择性电极-间接法	ISE method - indirect
TIBC	总铁结合力(TIBC)	µg/dl	240	由转铁蛋白计算	Calculated from Transferrin
		µmol/l	43.0		
		µg/dl	250	直接比色法	Direct Colorimetric
		µmol/l	44.8		
		µg/dl	237	FE+UIBC (含铁饱和)	FE+UIBC(saturation with iron)
		µmol/l	42.4		

Method 所有仪器均值		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Triglycerides	甘油三酸酯	mg/dl	240	Abbott Alinity i	Abbott Alinity i
		mmol/l	2.71		
		mg/dl	242	Abbott Architect 甘油三酸酯 2	Abbott Architect Triglyceride 2
		mmol/l	2.73		
		mg/dl	251	脂肪酶/GK UV (无校正)	Lipase/GK UV, no correction
mmol/l	2.84				
Triglycerides	甘油三酸酯	mg/dl	253	脂肪酶/甘油脱氢酶	Lipase/Glycerol Dehydrogenase
		mmol/l	2.86		
		mg/dl	252	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.85		
		mg/dl	247	脂肪酶/GPO-PAP 0.11mmol/l 校正	Lipase/GPO-PAP, 0.11mmol/l correction
		mmol/l	2.79		
		mg/dl	298	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		mmol/l	3.37		
Urea	尿素	mg/dl	127	Abbott Architect 尿素氮 2	Abbott Architect Urea Nitrogen 2
		mg/dl (BUN)	59.1		
		mmol/l	21.1		
		mg/dl	112	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		mg/dl (BUN)	52.1		
		mmol/l	18.6		
		mg/dl	126	脲酶终点法	Urease, end point
		mg/dl (BUN)	58.8		
		mmol/l	21.0		
		mg/dl	125	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	58.2		
mmol/l	20.8				

Method 所有仪器均值		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte		Unit 单位	Target 靶值	方法	Method
Uric Acid (Urate)	尿酸	mg/dl	8.94	Abbott Alinity 尿酸 2	Abbott Alinity Uric Acid 2
		mmol/l	0.532		
		mg/dl	9.08	Abbott Architect 尿酸 2	Abbott Architect Uric Acid 2
		mmol/l	0.540		
		mg/dl	9.33	Beckman AU Non US calibrator (66300)	Beckman AU Non US calibrator (66300)
		mmol/l	0.555		
		mg/dl	8.76	Ortho Vitros Microslide Systems	Ortho Vitros Microslide Systems
		mmol/l	0.521		
		mg/dl	8.96	尿酸酶 293nm	Uricase @ 293 nm
		mmol/l	0.533		
		mg/dl	9.08	尿酸酶过氧化物酶比色法	Uricase perox. no ascorb. ox.
		mmol/l	0.540	(不含抗坏血酸氧化酶)	
mg/dl	9.06	尿酸酶过氧化物酶比色法	Uricase Perox. with ascorb. ox		
mmol/l	0.539	(含抗坏血酸氧化酶)			
mg/dl	8.94	尿酸酶过氧化物酶比色法	Uricase Perox. with ascorb. ox @ 546nm		
mmol/l	0.532				

Randox RX Series			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl g/l	3.14 31.4	溴甲酚绿	Bromocresol Green
Alkaline Phosphatase	碱性磷酸酶	U/l	484	IFCC推荐AMP	AMP optimised to IFCC
		U/l	684	二乙醇胺 (DEA)缓冲液	Diethanolamine buffer, DEA
ALT (GPT)	丙氨酸氨基转移酶	U/l	142	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Amylase Pancreatic	胰淀粉酶	U/l	296	Randox 液体稳定 pNPG7	Randox Liquid Stable pNPG7
Amylase Total	淀粉酶	U/l	305	Randox 液体亚乙基 pNPG7	Randox Liquid Ethylidene pNPG7
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	144	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bilirubin Direct	直接胆红素	mg/dl	1.80	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate
		μmol/l	30.7		
Bilirubin Total	总胆红素	mg/dl	4.91	重氮化对氨基苯磺酸法	Diazo With Sulphanilic Acid
		μmol/l	84.0		
		mg/dl	5.34	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate
		μmol/l	91.3		
Calcium	钙	mg/dl	12.3	偶氮砷III法	Arsenazo III
		mmol/l	3.08		
Cholesterol	胆固醇	mg/dl	305	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.89		
CK Total	肌酸激酶 (总)	U/l	527	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)
		U/l	547	肌酸激酶-NAC 底物启动 (DGKC)	CK-NAC substrate start (DGKC)
Creatinine	肌酐	mg/dl	3.44	碱性苦味酸盐法 (未去蛋白)	Alkaline picrate no deproteinisation
		μmol/l	304		

Randox RX Series			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
D-3-Hydroxybutyrate	D-3-羟基丁酸	mmol/l	1.13	Tris缓冲液100mmol, pH 8.5	Tris buffer 100mmol pH 8.5
gamma-GT	谷氨酰转移酶 (GGT)	U/l	170	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
GLDH	谷氨酸脱氢酶 (GLDH)	U/l	33	三乙醇胺缓冲液	Triethanolamine buffer
Glucose	葡萄糖	mg/dl	295	葡糖氧化酶法	Glucose Oxidase
		mmol/l	16.4		
		mg/dl	277	己糖激酶法	Hexokinase
		mmol/l	15.4		
Iron	铁	µg/dl	221	比色法 (不含ppt.)	Colorimetric without ppt.
		µmol/l	39.6		
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	326	L->P, (IFCC)	L to P, IFCC
		U/l	674	P->L 德国方法	P to L German methods
Lipase	脂肪酶	U/l	128	Randox 比色法	Colorimetric Randox
Magnesium	镁	mg/dl	4.30	二甲苯胺蓝法	Xylidyl Blue
		mmol/l	1.77		
Phosphate Inorganic	无机磷	mg/dl	7.04	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.27		
Protein Total	总蛋白	g/dl	4.81	双缩脲反应终点法	Biuret reaction, end point
		g/l	48.1		
TIBC	总铁结合力(TIBC)	µg/dl	272	直接比色法	Direct Colorimetric
		µmol/l	48.6		
Triglycerides	甘油三酸酯	mg/dl	253	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.86		
Urea	尿素	mg/dl	120	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	56.0		
		mmol/l	20.0		
Uric Acid (Urate)	尿酸	mg/dl	10.1	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶) @546nm	Uricase Perox. with ascorb. ox @ 546nm
		mmol/l	0.599		

Roche Cobas c111			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	3.28	溴甲酚绿	Bromocresol Green
		g/l	32.8		
Alkaline Phosphatase	碱性磷酸酶	U/l	430	Roche AMP 缓冲液 IFCC	Roche AMP buffer IFCC
ALT (GPT)	丙氨酸氨基转移酶	U/l	124	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Amylase Total	淀粉酶	U/l	276	Roche 液体稳定 pNPG7	Roche Liquid Stable pNPG7
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	126	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bilirubin Direct	直接胆红素	mg/dl	1.97	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	33.7		
		mg/dl	2.04	Roche DPD JG 标准化	Roche DPD JG standardised
		μmol/l	34.8		
Bilirubin Total	总胆红素	mg/dl	4.69	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	80.1		
Calcium	钙	mg/dl	12.4	NM-BAPTA	NM-BAPTA
		mmol/l	3.09		
Cholesterol	胆固醇	mg/dl	280	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.26		
		mg/dl	279	胆固醇氧化酶 - IDMS	Cholesterol Oxidase - IDMS
		mmol/l	7.23		
CK Total	肌酸激酶 (总)	U/l	524	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)

Roche Cobas c111		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit	Target	方法	Method
Creatinine	肌酐	mg/dl	4.19	竞争速率法(-26 µmol/l)	Jaffe rate blanked comp. (-26umol/l)
		µmol/l	371		
		mg/dl	4.14	代偿速率法(-18 umol/l)	Jaffe rate comp. (-18umol/l)
		µmol/l	366		
		mg/dl	4.05	罗氏肌酐Plus	Roche Creatinine Plus
		µmol/l	358		
Glucose	葡萄糖	mg/dl	281	己糖激酶法	Hexokinase
		mmol/l	15.6		
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	342	L->P, (IFCC)	L to P, IFCC
Protein Total	总蛋白	g/dl	4.68	双缩脲反应终点法	Biuret reaction, end point
		g/l	46.8		
Triglycerides	甘油三酸酯	mg/dl	257	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.90		
Urea	尿素	mg/dl	123	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	57.4		
		mmol/l	20.5		
Uric Acid (Urate)	尿酸	mg/dl	8.99	尿酸酶过氧化物酶比色法 (不含抗坏血酸氧化酶)	Uricase perox. no ascorb. ox.
		mmol/l	0.535		
Uric Acid (Urate)	尿酸	mg/dl	9.28	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶)	Uricase Perox. with ascorb. ox
		mmol/l	0.552		

Roche Cobas c303/c503			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	3.23	溴甲酚绿	Bromocresol Green
		g/l	32.3		
		g/dl	2.73	比浊法	Turbidimetric Assays
		g/l	27.3		
Alkaline Phosphatase	碱性磷酸酶	U/l	393	Roche AMP 缓冲液 IFCC	Roche AMP buffer IFCC
ALT (GPT)	丙氨酸氨基转移酶	U/l	136	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	135	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Amylase Pancreatic	胰淀粉酶	U/l	247	免疫抑制EPS底物法	Immunoinhibition, EPS substrate
		U/l	243	Roche 液体稳定 pNPG7	Roche Liquid Stable pNPG7
Amylase Total	淀粉酶	U/l	273	BM/Roche 比色 pNPG7	BM/Roche, Colorimetric pNPG7
		U/l	275	Roche Integra 2-氯-pNPG7	Roche Integra 2-chloro-pNPG7
		U/l	273	Roche 液体稳定 pNPG7	Roche Liquid Stable pNPG7
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	153	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	153	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bicarbonate	碳酸氢盐	mmol/l	12.2	酶法	Enzymatic
Bile Acids	胆汁酸	μmol/l	43.7	酶比色法	Enzymatic Colorimetric

Roche Cobas c303/c503			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Bilirubin Direct	直接胆红素	mg/dl	2.09	重氮化对氨基苯磺酸法	Diazo With Sulphanilic Acid
		μmol/l	35.7		
		mg/dl	2.05	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	35.1		
		mg/dl	1.72	Roche DPD Doumas 标准化	Roche DPD Doumas standardised
		μmol/l	29.4		
		mg/dl	2.15	Roche DPD JG 标准化	Roche DPD JG standardised
		μmol/l	36.7		
Bilirubin Total	总胆红素	mg/dl	4.52	重氮化对氨基苯磺酸法	Diazo With Sulphanilic Acid
		μmol/l	77.2		
		mg/dl	4.55	重氮离子法	Diazonium Ion
		μmol/l	77.8		
		mg/dl	4.54	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	77.6		
Calcium	钙	mg/dl	12.3	甲酚酞络合剂比色法	Cresolphthalein Complexone
		mmol/l	3.08		
		mg/dl	12.4	NM-BAPTA	NM-BAPTA
		mmol/l	3.09		
Chloride	氯	mmol/l	109	离子选择性电极-间接法	ISE Indirect
Cholesterol	胆固醇	mg/dl	285	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.37		
Cholesterol	胆固醇	mg/dl	282	胆固醇氧化酶 - IDMS	Cholesterol Oxidase - IDMS
		mmol/l	7.31		
Cholinesterase	胆碱脂酶	U/l	5322	硫代丁酰胆碱比色法	Colorimetric - Butyrylthiocholine
CK Total	肌酸激酶 (总)	U/l	521	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)

Roche Cobas c303/c503			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Creatinine	肌酐	mg/dl	4.29	竞争速率法(-26 µmol/l)	Jaffe rate blanked comp. (-26umol/l)
		µmol/l	380		
		mg/dl	4.31	代偿速率法(-18 umol/l)	Jaffe rate comp. (-18umol/l)
		µmol/l	381		
		mg/dl	4.15	罗氏肌酐Plus	Roche Creatinine Plus
		µmol/l	367		
gamma-GT	谷氨酰转移酶 (GGT)	U/l	157	γ-谷氨酰-3-羧基-4-硝基苯胺	Gamma glut.-3-carb.-4-nitro.
		U/l	166	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
Glucose	葡萄糖	mg/dl	276	己糖激酶法	Hexokinase
		mmol/l	15.3		
Iron	铁	µg/dl	211	比色法 (含ppt.)	Colorimetric with ppt.
		µmol/l	37.7		
		µg/dl	211	比色法 (不含ppt.)	Colorimetric without ppt.
		µmol/l	37.8		
Lactate	乳酸	mg/dl	47.9	乳酸氧化酶比色法	Colorimetric - Lactate oxidase
		mmol/l	5.32		
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	334	L->P, (IFCC)	L to P, IFCC
		U/l	333	L->P	Lactate to Pyruvate methods
Lipase	脂肪酶	U/l	97	罗氏比色法	Colorimetric Roche
		U/l	94	罗氏比色法 ACN(8)789/ID 0-052	Colorimetric Roche ACN(8)789/ID 0-052
Lithium	锂	mg/dl	1.49	分光光度法	Spectrophotometric
		mmol/l	2.14		
Magnesium	镁	mg/dl	4.54	偶氮氯膦III法	Chlorphosphonazo III
		mmol/l	1.87		
		mg/dl	4.50	二甲苯胺蓝法	Xylidyl Blue
		mmol/l	1.85		

Roche Cobas c303/c503			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Phosphate Inorganic	无机磷	mg/dl	6.97	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.25		
Potassium	钾	mmol/l	6.14	离子选择性电极-间接法	ISE method - indirect
Protein Total	总蛋白	g/dl	4.54	双缩脲反应终点法	Biuret reaction, end point
		g/l	45.4		
		g/dl	4.52	双缩脲反应动力法	Biuret reaction, kinetic
		g/l	45.2		
Sodium	钠	mmol/l	157	离子选择性电极-间接法	ISE method - indirect
TIBC	总铁结合力(TIBC)	µg/dl	237	由转铁蛋白计算	Calculated from Transferrin
		µmol/l	42.4		
		µg/dl	222	FE+UIBC (含铁饱和)	FE+UIBC(saturation with iron)
		µmol/l	39.7		
Triglycerides	甘油三酸酯	mg/dl	254	脂肪酶/GK UV (无校正)	Lipase/GK UV. no correction
		mmol/l	2.87		
		mg/dl	252	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.85		
Urea	尿素	mg/dl	123	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	57.4		
		mmol/l	20.5		
Uric Acid (Urate)	尿酸	mg/dl	8.97	尿酸酶过氧化物酶比色法 (不含抗坏血酸氧化酶)	Uricase perox. no ascorb. ox.
		mmol/l	0.534		
		mg/dl	8.91	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶)	Uricase Perox. with ascorb. ox
		mmol/l	0.530		
		mg/dl	8.97	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶) @546nm	Uricase Perox. with ascorb. ox @ 546nm
		mmol/l	0.534		

Roche Cobas c311			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL2351 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	3.21	溴甲酚绿	Bromocresol Green
		g/l	32.1		
Alkaline Phosphatase	碱性磷酸酶	U/l	421	Roche AMP 缓冲液 IFCC	Roche AMP buffer IFCC
ALT (GPT)	丙氨酸氨基转移酶	U/l	129	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Amylase Total	淀粉酶	U/l	276	Roche 液体稳定 pNPG7	Roche Liquid Stable pNPG7
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	129	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bilirubin Direct	直接胆红素	mg/dl	1.76	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	30.0		
		mg/dl	1.86	Roche DPD JG 标准化	Roche DPD JG standardised
		μmol/l	31.8		
Bilirubin Total	总胆红素	mg/dl	4.77	重氮离子法	Diazonium Ion
		μmol/l	81.5		
		mg/dl	4.67	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
μmol/l	79.9				
Calcium	钙	mg/dl	12.4	NM-BAPTA	NM-BAPTA
		mmol/l	3.10		
Chloride	氯	mmol/l	109	离子选择性电极-间接法	ISE Indirect
Cholesterol	胆固醇	mg/dl	284	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.35		
		mg/dl	281	胆固醇氧化酶 - IDMS	Cholesterol Oxidase - IDMS
mmol/l	7.29				
CK Total	肌酸激酶 (总)	U/l	532	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)

Roche Cobas c311			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL2351 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Creatinine	肌酐	mg/dl	4.02	碱性苦味酸盐法 (未去蛋白)	Alkaline picrate no deproteinisation
		μmol/l	356		
		mg/dl	4.27	竞争速率法(-26 μmol/l)	Jaffe rate blanked comp. (-26umol/l)
		μmol/l	378		
		mg/dl	4.19	代偿速率法(-18 umol/l)	Jaffe rate comp. (-18umol/l)
		μmol/l	371		
		mg/dl	4.15	罗氏肌酐Plus	Roche Creatinine Plus
		μmol/l	367		
gamma-GT	谷氨酰转移酶 (GGT)	U/l	167	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
Glucose	葡萄糖	mg/dl	276	己糖激酶法	Hexokinase
		mmol/l	15.3		
Iron	铁	μg/dl	214	比色法 (不含ppt.)	Colorimetric without ppt.
		μmol/l	38.3		
Lactate	乳酸	mg/dl	47.5	乳酸氧化酶比色法	Colorimetric - Lactate oxidase
		mmol/l	5.27		
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	332	L->P, (IFCC)	L to P, IFCC

Roche Cobas c311			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Lipase	脂肪酶	U/l	100	罗氏比色法	Colorimetric Roche
Magnesium	镁	mg/dl	4.47	二甲苯胺蓝法	Xylidyl Blue
		mmol/l	1.84		
Phosphate Inorganic	无机磷	mg/dl	7.04	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.27		
Potassium	钾	mmol/l	6.12	离子选择性电极-间接法	ISE method - indirect
Protein Total	总蛋白	g/dl	4.58	双缩脲反应终点法	Biuret reaction, end point
		g/l	45.8		
Sodium	钠	mmol/l	156	离子选择性电极-间接法	ISE method - indirect
Triglycerides	甘油三酸酯	mg/dl	253	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.86		
Urea	尿素	mg/dl	127	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	59.1		
		mmol/l	21.1		
Uric Acid (Urate)	尿酸	mg/dl	8.96	尿酸酶过氧化物酶比色法 (不含抗坏血酸氧化酶)	Uricase perox. no ascorb. ox.
		mmol/l	0.533		
		mg/dl	9.06	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶)	Uricase Perox. with ascorb. ox
		mmol/l	0.539		
		mg/dl	9.04	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶) @546nm	Uricase Perox. with ascorb. ox @ 546nm
		mmol/l	0.538		

Roche Cobas c501/c502			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	3.23	溴甲酚绿	Bromocresol Green
		g/l	32.3		
		g/dl	2.84	溴甲酚紫	Bromocresol Purple
		g/l	28.4		
Alkaline Phosphatase	碱性磷酸酶	U/l	429	Roche AMP 缓冲液 IFCC	Roche AMP buffer IFCC
ALT (GPT)	丙氨酸氨基转移酶	U/l	132	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	128	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Amylase Pancreatic	胰淀粉酶	U/l	245	Roche 液体稳定 pNPG7	Roche Liquid Stable pNPG7
Amylase Total	淀粉酶	U/l	275	Roche Integra 2-氯-pNPG7	Roche Integra 2-chloro-pNPG7
		U/l	273	Roche 液体稳定 pNPG7	Roche Liquid Stable pNPG7
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	161	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	129	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bicarbonate	碳酸氢盐	mmol/l	12.1	酶法	Enzymatic
		mmol/l	12.0	PEP羧化酶	PEP Carboxylase
Bile Acids	胆汁酸	μmol/l	45.1	酶比色法	Enzymatic Colorimetric
Bilirubin Direct	直接胆红素	mg/dl	1.85	重氮化对氨基苯磺酸法	Diazo With Sulphanilic Acid
		μmol/l	31.7		
		mg/dl	1.81	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	30.9		
		mg/dl	1.39	Roche (US calibrator only)	Roche (US calibrator only)
		μmol/l	23.8		
		mg/dl	1.81	Roche DPD JG 标准化	Roche DPD JG standardised
		μmol/l	31.0		

Roche Cobas c501/c502			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Bilirubin Total	总胆红素	mg/dl	4.69	重氮化对氨基苯磺酸法	Diazo With Sulphanilic Acid
		μmol/l	80.2		
		mg/dl	4.66	重氮离子法	Diazonium Ion
		μmol/l	79.6		
		mg/dl	4.63	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
μmol/l	79.1				
Calcium	钙	mg/dl	12.4	甲酚酞络合剂比色法	Cresolphthalein Complexone
		mmol/l	3.10		
		mg/dl	12.3	NM-BAPTA	NM-BAPTA
		mmol/l	3.08		
Chloride	氯	mmol/l	109	离子选择性电极-间接法	ISE Indirect
Cholesterol	胆固醇	mg/dl	281	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.29		
		mg/dl	279	胆固醇氧化酶 - IDMS	Cholesterol Oxidase - IDMS
		mmol/l	7.22		
Cholinesterase	胆碱脂酶	U/l	5433	硫代丁酰胆碱比色法	Colorimetric - Butyrylthiocholine
CK Total	肌酸激酶 (总)	U/l	525	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)
		U/l	527	肌酸激酶-NAC 底物启动 (DGKC)	CK-NAC substrate start (DGKC)
		U/l	524	磷酸肌酸 底物启动	Creatine Phosphate Substrate Start
Creatinine	肌酐	mg/dl	3.98	碱性苦味酸盐法 (未去蛋白)	Alkaline picrate no deproteinisation
		μmol/l	352		
		mg/dl	4.20	竞争速率法(-26 μmol/l)	Jaffe rate blanked comp. (-26umol/l)
		μmol/l	372		
		mg/dl	4.10	代偿速率法(-18 umol/l)	Jaffe rate comp. (-18umol/l)
		μmol/l	363		
		mg/dl	4.11	罗氏肌酐Plus	Roche Creatinine Plus
		μmol/l	364		

Roche Cobas c501/c502			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
D-3-Hydroxybutyrate	D-3-羟基丁酸	mmol/l	1.16	Tris缓冲液100mmol, pH 8.5	Tris buffer 100mmol pH 8.5
gamma-GT	谷氨酰转移酶 (GGT)	U/l	145	γ-谷氨酰-3-羧基-4-硝基苯胺	Gamma glut.-3-carb.-4-nitro.
		U/l	164	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
GLDH	谷氨酸脱氢酶 (GLDH)	U/l	30	三乙醇胺缓冲液	Triethanolamine buffer
Glucose	葡萄糖	mg/dl	274	己糖激酶法	Hexokinase
		mmol/l	15.2		
Iron	铁	μg/dl	217	比色法 (含ppt.)	Colorimetric with ppt.
		μmol/l	38.9		
		μg/dl	216	比色法 (不含ppt.)	Colorimetric without ppt.
		μmol/l	38.7		
Lactate	乳酸	mg/dl	48.4	乳酸氧化酶比色法	Colorimetric - Lactate oxidase
		mmol/l	5.37		
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	333	L->P, (IFCC)	L to P, IFCC
Lipase	脂肪酶	U/l	99	罗氏比色法	Colorimetric Roche
Lithium	锂	mg/dl	1.49	分光光度法	Spectrophotometric
		mmol/l	2.15		
Magnesium	镁	mg/dl	4.47	偶氮氯膦III法	Chlorphosphonazo III
		mmol/l	1.84		
		mg/dl	4.47	二甲苯胺蓝法	Xylidyl Blue
		mmol/l	1.84		
Phosphate Inorganic	无机磷	mg/dl	7.04	磷钼酸盐酶法	Phosphomolybdate Enzymatic
		mmol/l	2.27		
		mg/dl	6.94	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.24		
Potassium	钾	mmol/l	6.14	离子选择性电极-间接法	ISE method - indirect
Protein Total	总蛋白	g/dl	4.57	双缩脲反应终点法	Biuret reaction, end point
		g/l	45.7		

Roche Cobas c501/c502		CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)			
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Sodium	钠	mmol/l	157	离子选择性电极-间接法	ISE method - indirect
TIBC	总铁结合力(TIBC)	μg/dl	258	由转铁蛋白计算	Calculated from Transferrin
		μmol/l	46.1		
		μg/dl	228	FE+UIBC (含铁饱和)	FE+UIBC(saturation with iron)
		μmol/l	40.7		
Triglycerides	甘油三酸酯	mg/dl	254	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.87		
Urea	尿素	mg/dl	125	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	58.2		
		mmol/l	20.8		
Uric Acid (Urate)	尿酸	mg/dl	8.94	尿酸酶过氧化物酶比色法	Uricase perox. no ascorb. ox.
		mmol/l	0.532		
		mg/dl	8.86	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶)	Uricase Perox. with ascorb. ox
		mmol/l	0.527		
		mg/dl	8.86	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶) @546nm	Uricase Perox. with ascorb. ox @ 546nm
		mmol/l	0.527		

Roche Cobas c701 / c702 / c711			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	3.24	溴甲酚绿	Bromocresol Green
		g/l	32.4		
		g/dl	2.86	溴甲酚紫	Bromocresol Purple
		g/l	28.6		
Alkaline Phosphatase	碱性磷酸酶	U/l	424	比色法	Colorimetric
		U/l	413	Roche AMP 缓冲液 IFCC	Roche AMP buffer IFCC
ALT (GPT)	丙氨酸氨基转移酶	U/l	130	比色法	Colorimetric
		U/l	135	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	128	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
		U/l	128	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Amylase Pancreatic	胰淀粉酶	U/l	262	Roche 液体稳定 pNPG7	Roche Liquid Stable pNPG7
Amylase Total	淀粉酶	U/l	275	Roche 液体稳定 pNPG7	Roche Liquid Stable pNPG7
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	166	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	129	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bicarbonate	碳酸氢盐	mmol/l	12.5	酶法	Enzymatic
Bile Acids	胆汁酸	μmol/l	44.0	酶比色法	Enzymatic Colorimetric
Bilirubin Direct	直接胆红素	mg/dl	1.88	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	32.1		
		mg/dl	1.53	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate
		μmol/l	26.1		
		mg/dl	1.45	Roche DPD Doumas 标准化	Roche DPD Doumas standardised
		μmol/l	24.8		
		mg/dl	1.80	Roche DPD JG 标准化	Roche DPD JG standardised
		μmol/l	30.7		

Roche Cobas c701 / c702 / c711			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL2351 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Bilirubin Total	总胆红素	mg/dl	4.69	重氮离子法	Diazonium Ion
		μmol/l	80.1		
		mg/dl	4.69	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	80.2		
Calcium	钙	mg/dl	12.3	甲酚酞络合剂比色法	Cresolphthalein Complexone
		mmol/l	3.07		
		mg/dl	12.3	NM-BAPTA	NM-BAPTA
		mmol/l	3.08		
Chloride	氯	mmol/l	110	离子选择性电极-间接法	ISE Indirect
Cholesterol	胆固醇	mg/dl	282	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.30		
		mg/dl	282	胆固醇氧化酶 - IDMS	Cholesterol Oxidase - IDMS
		mmol/l	7.30		
Cholinesterase	胆碱脂酶	U/l	5330	硫代丁酰胆碱比色法	Colorimetric - Butyrylthiocholine
CK Total	肌酸激酶 (总)	U/l	527	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)

Roche Cobas c701 / c702 / c711			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Creatinine	肌酐	mg/dl	4.35	竞争速率法(-26 μmol/l)	Jaffe rate blanked comp. (-26umol/l)
		μmol/l	385		
		mg/dl	4.15	罗氏肌酐Plus	Roche Creatinine Plus
		μmol/l	367		
gamma-GT	谷氨酰转移酶 (GGT)	U/l	139	γ-谷氨酰-3-羧基-4-硝基苯胺	Gamma glut.-3-carb.-4-nitro.
		U/l	161	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
Glucose	葡萄糖	mg/dl	276	己糖激酶法	Hexokinase
		mmol/l	15.3		
Iron	铁	μg/dl	213	比色法 (含ppt.)	Colorimetric with ppt.
		μmol/l	38.1		
		μg/dl	212	比色法 (不含ppt.)	Colorimetric without ppt.
		μmol/l	37.9		
Lactate	乳酸	mg/dl	48.0	乳酸氧化酶比色法	Colorimetric - Lactate oxidase
		mmol/l	5.33		
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	331	L->P, (IFCC)	L to P, IFCC
Lipase	脂肪酶	U/l	99	罗氏比色法	Colorimetric Roche
Lithium	锂	mg/dl	1.48	分光光度法	Spectrophotometric
		mmol/l	2.13		
Magnesium	镁	mg/dl	4.47	二甲苯胺蓝法	Xylidyl Blue
		mmol/l	1.84		
Phosphate Inorganic	无机磷	mg/dl	6.94	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.24		
Potassium	钾	mmol/l	6.15	离子选择性电极-间接法	ISE method - indirect

Roche Cobas c701 / c702 / c711			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL2351 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Protein Total	总蛋白	g/dl	4.58	双缩脲反应终点法	Biuret reaction, end point
		g/l	45.8		
Sodium	钠	mmol/l	158	离子选择性电极-间接法	ISE method - indirect
TIBC	总铁结合力(TIBC)	µg/dl	234	FE+UIBC (含铁饱和)	FE+UIBC(saturation with iron)
		µmol/l	41.8		
Triglycerides	甘油三酸酯	mg/dl	256	脂肪酶/GK UV (无校正)	Lipase/GK UV. no correction
		mmol/l	2.89		
		mg/dl	252	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.85		
Urea	尿素	mg/dl	125	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	58.2		
		mmol/l	20.8		
Uric Acid (Urate)	尿酸	mg/dl	8.79	尿酸酶过氧化物酶比色法 (不含抗坏血酸氧化酶)	Uricase perox. no ascorb. ox.
		mmol/l	0.523		
Uric Acid (Urate)	尿酸	mg/dl	8.74	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶)	Uricase Perox. with ascorb. ox
		mmol/l	0.520		
		mg/dl	8.89	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶) @546nm	Uricase Perox. with ascorb. ox @ 546nm
		mmol/l	0.529		

Roche Integra			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	3.25	溴甲酚绿	Bromocresol Green
		g/l	32.5		
Alkaline Phosphatase	碱性磷酸酶	U/l	432	Roche AMP 缓冲液 IFCC	Roche AMP buffer IFCC
ALT (GPT)	丙氨酸氨基转移酶	U/l	124	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Amylase Total	淀粉酶	U/l	280	Roche 液体稳定 pNPG7	Roche Liquid Stable pNPG7
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	128	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bilirubin Total	总胆红素	mg/dl	4.74	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	81.1		
Calcium	钙	mg/dl	12.3	甲酚酞络合剂比色法	Cresolphthalein Complexone
		mmol/l	3.08		
		mg/dl	12.4	NM-BAPTA	NM-BAPTA
		mmol/l	3.10		
Chloride	氯	mmol/l	112	离子选择性电极-间接法	ISE Indirect
Cholesterol	胆固醇	mg/dl	278	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.21		
		mg/dl	279	胆固醇氧化酶 - IDMS	Cholesterol Oxidase - IDMS
		mmol/l	7.22		
CK Total	肌酸激酶 (总)	U/l	526	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)
Creatinine	肌酐	mg/dl	3.84	碱性苦味酸盐法 (未去蛋白)	Alkaline picrate no deproteinisation
		μmol/l	340		
		mg/dl	4.02	竞争速率法(-26 μmol/l)	Jaffe rate blanked comp. (-26umol/l)
		μmol/l	356		
		mg/dl	4.05	代偿速率法(-18 umol/l)	Jaffe rate comp. (-18umol/l)
		μmol/l	358		
gamma-GT	谷氨酰转移酶 (GGT)	U/l	166	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
Glucose	葡萄糖	mg/dl	279	己糖激酶法	Hexokinase
		mmol/l	15.5		
Iron	铁	μg/dl	220	比色法 (不含ppt.)	Colorimetric without ppt.
		μmol/l	39.4		

Roche Integra			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	339	L->P, (IFCC)	L to P, IFCC
Lipase	脂肪酶	U/l	96	罗氏比色法	Colorimetric Roche
Magnesium	镁	mg/dl	4.42	偶氮氯膦III法	Chlorphosphonazo III
		mmol/l	1.82		
Phosphate Inorganic	无机磷	mg/dl	7.25	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.34		
Potassium	钾	mmol/l	6.10	离子选择性电极-间接法	ISE method - indirect
Protein Total	总蛋白	g/dl	4.47	双缩脲反应终点法	Biuret reaction, end point
		g/l	44.7		
Sodium	钠	mmol/l	156	离子选择性电极-间接法	ISE method - indirect
Triglycerides	甘油三酸酯	mg/dl	255	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.88		
Urea	尿素	mg/dl	122	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	56.8		
		mmol/l	20.3		
Uric Acid (Urate)	尿酸	mg/dl	9.23	尿酸酶过氧化物酶比色法 (不含抗坏血酸氧化酶)	Uricase perox. no ascorb. ox.
		mmol/l	0.549		
		mg/dl	9.24	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶)	Uricase Perox. with ascorb. ox
		mmol/l	0.550		

Siemens ADVIA Chemistry Instruments			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	2.99	溴甲酚绿	Bromocresol Green
		g/l	29.9		
Alkaline Phosphatase	碱性磷酸酶	U/l	403	IFCC推荐AMP	AMP optimised to IFCC
ALT (GPT)	丙氨酸氨基转移酶	U/l	150	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Amylase Total	淀粉酶	U/l	283	Siemens 阻断 pNPG7	Siemens - blocked pNPG7
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	143	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bilirubin Direct	直接胆红素	mg/dl	1.77	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate
		μmol/l	30.3		
Bilirubin Total	总胆红素	mg/dl	5.85	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate
		μmol/l	100		
Calcium	钙	mg/dl	12.5	甲酚酞络合剂比色法	Cresolphthalein Complexone
		mmol/l	3.12		
Chloride	氯	mmol/l	114	离子选择性电极-间接法	ISE Indirect
Cholesterol	胆固醇	mg/dl	285	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.39		
CK Total	肌酸激酶 (总)	U/l	540	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)
Creatinine	肌酐	mg/dl	4.16	竞争速率法 (-26 μmol/l)	Jaffe rate blanked comp. (-26μmol/l)
		μmol/l	368		
gamma-GT	谷氨酰转移酶 (GGT)	U/l	158	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
Glucose	葡萄糖	mg/dl	270	葡萄糖氧化酶法	Glucose Oxidase
		mmol/l	15.0		

Siemens ADVIA Chemistry Instruments			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Iron	铁	µg/dl	216	比色法 (不含ppt.)	Colorimetric without ppt.
		µmol/l	38.6		
Magnesium	镁	mg/dl	4.35	二甲苯胺蓝法	Xylidyl Blue
		mmol/l	1.79		
Phosphate Inorganic	无机磷	mg/dl	7.07	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.28		
Potassium	钾	mmol/l	6.21	离子选择性电极-间接法	ISE method - indirect
Protein Total	总蛋白	g/dl	4.55	双缩脲反应终点法	Biuret reaction, end point
		g/l	45.5		
Sodium	钠	mmol/l	159	离子选择性电极-间接法	ISE method - indirect
Triglycerides	甘油三酸酯	mg/dl	265	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	3.00		
Urea	尿素	mg/dl	126	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	58.5		
		mmol/l	20.9		
Uric Acid (Urate)	尿酸	mg/dl	9.13	尿酸酶过氧化物酶比色法 (不含抗坏血酸氧化酶)	Uricase perox. no ascorb. ox.
		mmol/l	0.543		

Siemens Atellica Solution			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	3.04	溴甲酚绿	Bromocresol Green
		g/l	30.4		
		g/dl	2.82	溴甲酚紫	Bromocresol Purple
		g/l	28.2		
Alkaline Phosphatase	碱性磷酸酶	U/l	422	IFCC推荐AMP	AMP optimised to IFCC
ALT (GPT)	丙氨酸氨基转移酶	U/l	144	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	149	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Amylase Total	淀粉酶	U/l	316	Siemens 阻断 pNPG7	Siemens - blocked pNPG7
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	168	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	144	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bicarbonate	碳酸氢盐	mmol/l	12.7	酶法	Enzymatic
		mmol/l	12.8	PEP羧化酶	PEP Carboxylase
Bilirubin Direct	直接胆红素	mg/dl	1.79	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate
		μmol/l	30.6		
Bilirubin Total	总胆红素	mg/dl	5.76	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate
		μmol/l	98.4		
Calcium	钙	mg/dl	12.3	偶氮砷III法	Arsenazo III
		mmol/l	3.07		
		mg/dl	12.6	甲酚酞络合剂比色法	Cresolphthalein Complexone
		mmol/l	3.15		
Chloride	氯	mmol/l	116	离子选择性电极-间接法	ISE Indirect

Siemens Atellica Solution			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Cholesterol	胆固醇	mg/dl	287	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.43		
CK Total	肌酸激酶 (总)	U/l	530	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)
Creatinine	肌酐	mg/dl	4.11	竞争速率法(-26 μmol/l)	Jaffe rate blanked comp. (-26umol/l)
		μmol/l	364		
gamma-GT	谷氨酰转移酶 (GGT)	U/l	159	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
Glucose	葡萄糖	mg/dl	265	葡糖氧化酶法	Glucose Oxidase
		mmol/l	14.7		
		mg/dl	272	己糖激酶法	Hexokinase
Iron	铁	μg/dl	219	比色法 (不含ppt.)	Colorimetric without ppt.
		μmol/l	39.1		
Lactate	乳酸	mg/dl	47.7	乳酸氧化酶比色法	Colorimetric - Lactate oxidase
		mmol/l	5.30		
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	323	L->P Siemens/Dade, 非 IFCC	L to P Siemens/Dade, non-IFCC
		U/l	324	L->P, (IFCC)	L to P, IFCC
Lipase	脂肪酶	U/l	106	其他比色法	Other Colorimetric

Siemens Atellica Solution			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Magnesium	镁	mg/dl	4.45	二甲苯胺蓝法	Xylidyl Blue
		mmol/l	1.83		
Phosphate Inorganic	无机磷	mg/dl	7.22	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.33		
Potassium	钾	mmol/l	6.08	离子选择性电极-间接法	ISE method - indirect
Protein Total	总蛋白	g/dl	4.66	双缩脲反应终点法	Biuret reaction, end point
		g/l	46.6		
Sodium	钠	mmol/l	156	离子选择性电极-间接法	ISE method - indirect
TIBC	总铁结合力(TIBC)	µg/dl	261	直接比色法	Direct Colorimetric
		µmol/l	46.7		
Triglycerides	甘油三酸酯	mg/dl	260	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.94		
		mg/dl	261	Siemens Atellica TRIG_2	Siemens Atellica TRIG_2
		mmol/l	2.95		
Urea	尿素	mg/dl	127	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	59.1		
		mmol/l	21.1		
Uric Acid (Urate)	尿酸	mg/dl	9.26	尿酸酶过氧化物酶比色法 (不含抗坏血酸氧化酶)	Uricase perox. no ascorb. ox.
		mmol/l	0.551		

Siemens Dimension EXL/200			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): 1374UE 货号 (Cat. No): CAL2351 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	2.85	溴甲酚紫	Bromocresol Purple
		g/l	28.5		
Alkaline Phosphatase	碱性磷酸酶	U/l	430	Siemens/Dade Dimension AMP缓冲液	Siemens/Dade Dimension AMP buffer
ALT (GPT)	丙氨酸氨基转移酶	U/l	146	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	142	Tris缓冲液 (含P5P NVKC)	Tris buffer with P5P, NVKC
Amylase Total	淀粉酶	U/l	326	Siemens/Dade Behring 2-氯-pNPG3	Siemens/Dade Behring 2-chloro-pNPG3
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	155	Siemens Dade标准非IFCC相关	Siemens/Dade standard non IFCC corr.
		U/l	153	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	153	Tris缓冲液 (含P5P NVKC)	Tris buffer with P5P, NVKC
Bilirubin Direct	直接胆红素	mg/dl	1.13	Siemens Dimension 重氮化对氨基苯磺酸法	Diazo/ Sulphanilic Siemens Dimension
		μmol/l	19.4		
Bilirubin Total	总胆红素	mg/dl	5.37	重氮化对氨基苯磺酸法	Diazo With Sulphanilic Acid
		μmol/l	91.8		
Calcium	钙	mg/dl	11.9	甲酚酞络合剂比色法	Cresolphthalein Complexone
		mmol/l	2.97		
Chloride	氯	mmol/l	110	离子选择性电极-间接法	ISE Indirect
Cholesterol	胆固醇	mg/dl	264	Siemens Dimension	Siemens Dimension
		mmol/l	6.84		

Siemens Dimension EXL/200			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
CK Total	肌酸激酶 (总)	U/l	514	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)
Creatinine	肌酐	mg/dl	3.98	碱性苦味酸盐法 (未去蛋白)	Alkaline picrate no deproteinisation
		μmol/l	352		
		mg/dl	3.99	抑制速率法	Jaffe Rate Blanked
		μmol/l	353		
gamma-GT	谷氨酰转移酶 (GGT)	U/l	164	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
		U/l	188	Siemens Dimension	Siemens Dimension
Glucose	葡萄糖	mg/dl	277	己糖激酶法	Hexokinase
		mmol/l	15.4		
Iron	铁	μg/dl	203	比色法 (不含ppt.)	Colorimetric without ppt.
		μmol/l	36.4		
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	316	L->P, (IFCC)	L to P, IFCC
Magnesium	镁	mg/dl	4.40	甲基百里酚蓝	Methylthymol Blue
		mmol/l	1.81		
Phosphate Inorganic	无机磷	mg/dl	7.16	磷钼酸盐酶法	Phosphomolybdate Enzymatic
		mmol/l	2.31		
		mg/dl	7.28	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.35		
Potassium	钾	mmol/l	6.12	离子选择性电极-间接法	ISE method - indirect

Siemens Dimension EXL/200			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Protein Total	总蛋白	g/dl	4.77	双缩脲反应终点法	Biuret reaction, end point
		g/l	47.7		
Sodium	钠	mmol/l	157	离子选择性电极-间接法	ISE method - indirect
Triglycerides	甘油三酸酯	mg/dl	250	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	2.83		
		mg/dl	248	Siemens Dimension	Siemens Dimension
		mmol/l	2.80		
Urea	尿素	mg/dl	127	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	59.4		
		mmol/l	21.2		
Uric Acid (Urate)	尿酸	mg/dl	8.99	尿酸酶 293nm	Uricase @ 293 nm
		mmol/l	0.535	尿酸酶过氧化物酶比色法 (不含抗坏血酸氧化酶)	Uricase perox. no ascorb. ox.
		mg/dl	8.89		
		mmol/l	0.529		

Siemens Dimension RxL/Max/Xpand			CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)		
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Bilirubin Total	总胆红素	mg/dl	5.04	重氮化对氨基苯磺酸法	Diazo With Sulphanilic Acid
		μmol/l	86.2		

Thermo Fisher Scientific Konelab 20/30/60/Indiko				CALIBRATION SERUM LEVEL 3 (CAL 3) 校准血清 (CAL3)	
批号 (Lot. No): I374UE 货号 (Cat. No): CAL235I 到期 (Expiry): 2026-11-28					
包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Albumin	白蛋白	g/dl	3.04	溴甲酚绿	Bromocresol Green
		g/l	30.4		
Alkaline Phosphatase	碱性磷酸酶	U/l	458	IFCC推荐AMP	AMP optimised to IFCC
ALT (GPT)	丙氨酸氨基转移酶	U/l	142	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	151	Tris缓冲液 (含P5P)	Tris Buffer With P5P
		U/l	145	Tris缓冲液 (不含P5P)	Tris Buffer Without P5P
Bilirubin Total	总胆红素	mg/dl	5.05	重氮与二氯苯胺	Diazo With Dichloroaniline
		μmol/l	86.4		
Calcium	钙	mg/dl	12.4	偶氮砷III法	Arsenazo III
		mmol/l	3.09		
Cholesterol	胆固醇	mg/dl	290	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l	7.50		
CK Total	肌酸激酶 (总)	U/l	565	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)
Creatinine	肌酐	mg/dl	4.03	碱性苦味酸盐法 (未去蛋白)	Alkaline picrate no deproteinisation
		μmol/l	357		
gamma-GT	谷氨酰转移酶 (GGT)	U/l	155	DCL γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
Glucose	葡萄糖	mg/dl	276	葡糖氧化酶法	Glucose Oxidase
		mmol/l	15.3		
Iron	铁	μg/dl	229	比色法 (不含ppt.)	Colorimetric without ppt.
		μmol/l	41.0		

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包装规格 (Size): 20 x 5ml					
Analyte	分析项目	Unit 单位	Target 靶值	方法	Method
Magnesium	镁	mg/dl	4.59	二甲苯胺蓝法	Xylidyl Blue
		mmol/l	1.89		
Phosphate Inorganic	无机磷	mg/dl	7.07	磷钼酸盐紫外线法	Phosphomolybdate UV
		mmol/l	2.28		
Protein Total	总蛋白	g/dl	4.76	双缩脲反应终点法	Biuret reaction, end point
		g/l	47.6		
Triglycerides	甘油三酸酯	mg/dl	266	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP No Correction
		mmol/l	3.01		
Urea	尿素	mg/dl	125	脲酶动力学法	Urease, kinetic
		mg/dl (BUN)	58.2		
		mmol/l	20.8		
Uric Acid (Urate)	尿酸	mg/dl	9.24	尿酸酶过氧化物酶比色法 (不含抗坏血酸氧化酶)	Uricase perox. no ascorb. ox.
		mmol/l	0.550		
		mg/dl	9.28	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶)	Uricase Perox. with ascorb. ox
		mmol/l	0.552		