

PRODUCT INFORMATION

产品信息

HN1530

1687UN

Please note that for Human Assayed Multi-Sera Level 2 lot 1687UN,
Alkaline Phosphatase is stable for 6 days at +2°C to +8°C.

Alkaline Phosphatase is also stable for 8 hours at +15°C to +25°C,
and 28 days when frozen once at –18°C to –24°C.

请注意：对于质控血清（水平 2）批号 1687UN，碱性磷酸酶的稳定性如下：

2~8°C 保存，稳定 6 天；

15~25°C 保存，稳定 8 小时；

-18°C~-24°C 冻存一次，稳定 28 天。

It is still recommended that serum is allowed to stand for 1 hour at +15°C to +25°C before
measurement of Alkaline Phosphatase.

我们仍然建议检测碱性磷酸酶之前，将质控血清在 15~25°C 下静置 1 小时。

CCS INC675

【英文名称】： HUMANASSAYED MULTI-SERA - LEVEL 2 (HUMASY CONTROL 2)

【中文名称】： 质控血清（水平 2）

【货号】 (CAT. NUMBER):	HN1530	【批号】 (LOT NUMBER):	1687UN
【包装规格】 (SIZE):	20 x 5 ml	【到期】 (EXPIRY):	2027-10-28

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: 05 Mar 24 pl

Method 质控血清 (水平2) HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)									
批号 (Lot. No): 1687UN 货号 (Cat. No): HN1530 / HS2611 到期 (Expiry): 2027-10-28									
包装规格 (Size): 20 x 5ml / 5 x 5ml		范围		Range					
		单位	靶值	低值	高值				
Analyte	分析项目	Unit	Target	Low	High	1SD	2SD	方法	Method
Acid Phos., Total	总酸性磷酸酶	U/l	11	7	15	2.00	4.00	苯基磷酸酯底物 终点法	Naphthyl phos. sub., endpoint
Albumin	白蛋白	g/l	40.8	34.7	46.9	3.05	6.10	溴甲酚绿	Bromocresol Green
		g/dl	4.08	3.47	4.69	0.305	0.610		
		g/l	41.1	34.9	47.3	3.10	6.20	溴甲酚紫	Bromocresol Purple
		g/dl	4.11	3.49	4.73	0.310	0.620		
		g/l	40.3	34.3	46.3	3.00	6.00	散射比浊法	Nephelometric Assays
		g/dl	4.03	3.43	4.63	0.300	0.600		
		g/l	41.0	34.9	47.1	3.05	6.10	比浊法	Turbidimetric Assays
		g/dl	4.10	3.49	4.71	0.305	0.610		
Alkaline Phosphatase	碱性磷酸酶	U/l	183	156	210	13.5	27.0	非推荐AMP	AMP non-optimised
		U/l	183	156	210	13.5	27.0	IFCC推荐AMP	AMP optimised to IFCC
ALT (GPT)	丙氨酸氨基转移酶	U/l	41	33	49	4.00	8.00	比色法	Colorimetric
		U/l	43	34	52	4.50	9.00	磷酸盐缓冲液 DGKC法	Phosphate buffer, DGKC
		U/l	42	34	50	4.00	8.00	Tris缓冲液 (含P5P)	Tris buffer with P5P
		U/l	41	33	49	4.00	8.00	Tris缓冲液 (含P5P NVKC)	Tris buffer with P5P, NVKC
		U/l	40	32	48	4.00	8.00	Tris缓冲液 (不含P5P)	Tris buffer without P5P
Amylase, Pancreatic	胰淀粉酶	U/l	56	48	64	4.00	8.00	免疫抑制EPS底物法	Immunoinhibition, EPS substrate
		U/l	61	52	70	4.50	9.00	Randox 液体稳定 pNPG7	Randox liquid stable pNPG7
		U/l	55	47	63	4.00	8.00	Roche 液体稳定 pNPG7	Roche liquid stable pNPG7
Amylase, Total	淀粉酶	U/l	80	68	92	6.00	12.0	Abbott Alinity 淀粉酶 2	Abbott Alinity Amylase 2
		U/l	81	69	93	6.00	12.0	Abbott Architect 淀粉酶 2	Abbott Architect Amylase 2
		U/l	81	69	93	6.00	12.0	Abbott Architect / Alinity calfactor 3431	Abbott Architect/Alinity calfactor 3431
		U/l	83	71	95	6.00	12.0	Abbott Architect / Alinity calfactor 3806	Abbott Architect/Alinity calfactor 3806
		U/l	81	69	93	6.00	12.0	Abbott 阻断 pNPG7	Abbott blocked pNPG7
		U/l	77	65	89	6.00	12.0	淀粉分凝法	Amylolytic Methods
		U/l	75	64	86	5.50	11.0	Beckman CNPG3 消光系数	Beckman CNPG3 (Extinction Coeff)
		U/l	73	62	84	5.50	11.0	Beckman CNPG3 (Master Cal)	Beckman CNPG3 (Master Cal)
		U/l	81	69	93	6.00	12.0	Beckman Coulter 阻断 pNPG7	Beckman Coulter - blocked pNPG7
		U/l	83	71	95	6.00	12.0	Beckman Synchron AMY7	Beckman Synchron AMY7
		U/l	81	69	93	6.00	12.0	梅里埃2-氯对硝基苯麦芽三糖苷法	bioMerieux 2-chloro-pNPG3
		U/l	79	67	91	6.00	12.0	BM/Roche 比色 pNPG7	BM/Roche Colorimetric pNPG7
		U/l	80	68	92	6.00	12.0	Human CNPG3	Human CNPG3
		U/l	80	68	92	6.00	12.0	Human CNPG3 (IFCC)	Human CNPG3 (IFCC)
		U/l	77	65	89	6.00	12.0	I.L. 2-氯-2-对硝基苯麦芽三糖苷法	I.L. 2-chloro-pNPG3
		U/l	79	67	91	6.00	12.0	罗氏其他2-氯对硝基苯麦芽三糖苷法	Other Roche 2-chloro-pNPG7
		U/l	81	69	93	6.00	12.0	对硝基苯麦芽三糖苷底物法	pNP Maltotrioxide substrates
		U/l	86	73	99	6.50	13.0	Randox 液体亚乙基 pNPG7	Randox Liquid Ethylidene pNPG7
		U/l	83	71	95	6.00	12.0	冻干乙醇酯pNPG7法 (朗道)	Randox Lyo. Ethylidene pNPG7
		U/l	79	67	91	6.00	12.0	Roche Integra 2-氯-pNPG7	Roche Integra 2-chloro-pNPG7

Method									
质控血清 (水平2) HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)									
批号 (Lot. No): 1687UN		货号 (Cat. No): HN1530 / HS2611		到期 (Expiry): 2027-10-28					
包装规格 (Size): 20 x 5ml / 5 x 5ml				范围		Range			
Analyte	分析项目	单位	靶值	低值	高值	1SD	2SD	方法	Method
		Unit	Target	Low	High				
Amylase, Total	淀粉酶	U/l	79	67	91	6.00	12.0	Roche 液体稳定 pNPG7	Roche liquid stable pNPG7
		U/l	86	73	99	6.50	13.0	Siemens 阻断 pNPG7	Siemens - blocked pNPG7
		U/l	82	70	94	6.00	12.0	Siemens 2-氯-pNPG3	Siemens 2-chloro-pNPG3
Apolipoprotein A1	载脂蛋白A-1	g/l	1.13	0.927	1.33	0.100	0.200	免疫比浊法	Immunoturbidimetric
		mg/dl	113	92.7	133	10.0	20.0		
Apolipoprotein B	载脂蛋白 B	g/l	0.708	0.581	0.835	0.064	0.127	免疫比浊法	Immunoturbidimetric
		mg/dl	70.8	58.1	83.5	6.35	12.7		
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	37	30	44	3.50	7.00	比色法	Colorimetric
		U/l	38	30	46	4.00	8.00	磷酸盐缓冲液 DGKC法	Phosphate buffer, DGKC
		U/l	36	29	43	3.50	7.00	Tris缓冲液 (含P5P NVKC)	Tris buffer with P5P, NVKC
		U/l	37	30	44	3.50	7.00	Tris缓冲液 (不含P5P)	Tris buffer without P5P
Bicarbonate	碳酸氢盐	mmol/l	14.3	11.3	17.3	1.50	3.00	酶法	Enzymatic
		mmol/l	13.7	10.9	16.5	1.40	2.80	PEP羧化酶	PEP Carboxylase
Bile Acids	胆汁酸	μmol/l	23.1	18.5	27.7	2.30	4.60	第 4 代比色法	4th Generation Colorimetric
		μmol/l	24.7	19.8	29.6	2.45	4.90	第 5 代比色法	5th Generation Colorimetric
		μmol/l	24.7	19.8	29.6	2.45	4.90	酶比色法	Enzymatic Colorimetric
		mg/dl	1.15	0.909	1.39	0.120	0.240	重氮与二氯苯胺	Diazo with Dichloroaniline
Bilirubin, Direct	直接胆红素	μmol/l	19.6	15.5	23.7	2.05	4.10		
		mg/dl	1.16	0.916	1.40	0.120	0.240	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	19.9	15.7	24.1	2.10	4.20		
		mg/dl	1.01	0.798	1.22	0.105	0.210	改良 Jendrassik法	Modified Jendrassik
		μmol/l	17.2	13.6	20.8	1.80	3.60		
		mg/dl	1.10	0.869	1.33	0.115	0.230	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate
		μmol/l	18.8	14.9	22.7	1.95	3.90		
Bilirubin, Total	总胆红素	mg/dl	1.67	1.32	2.02	0.175	0.350	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium
		μmol/l	28.5	22.5	34.5	3.00	6.00		
		mg/dl	2.09	1.65	2.53	0.220	0.440	改良 Jendrassik法	Modified Jendrassik
		μmol/l	35.8	28.3	43.3	3.75	7.50		
		mg/dl	1.86	1.47	2.25	0.195	0.390	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate
		μmol/l	31.8	25.1	38.5	3.35	6.70		
Bilirubin, Unconjugated (Vitros BU)	未结合胆红素 (Vitros BU)	mg/dl	0.842	0.665	1.02	0.089	0.178	Direct Bilirubin Vitros slide	Direct Bilirubin Vitros slide
		μmol/l	14.4	11.4	17.4	1.50	3.00		
Calcium	钙	mmol/l	2.11	1.90	2.32	0.105	0.210	甲酚酞络合剂比色法	Cresolphthalein complexone
		mg/dl	8.46	7.61	9.31	0.425	0.850		
		mmol/l	2.15	1.94	2.36	0.105	0.210	离子选择性电极法	Ion Selective Electrode
		mg/dl	8.62	7.76	9.48	0.430	0.860		
		mmol/l	2.13	1.92	2.34	0.105	0.210	甲基百里酚蓝	Methylthymol blue
		mg/dl	8.54	7.69	9.39	0.425	0.850		

Method		质控血清 (水平2)																		HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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质控血清 (水平2) HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)										
批号 (Lot. No): 1687UN			货号 (Cat. No): HN1530 / HS2611			到期 (Expiry): 2027-10-28				
包装规格 (Size): 20 x 5ml / 5 x 5ml			范围		Range					
Analyte	分析项目	单位	靶值	低值	高值	1SD	2SD	方法	Method	
		Unit	Target	Low	High					
Creatinine	肌酐	mg/dl	1.48	1.18	1.78	0.150	0.300	竞争速率法(-33 μmol/l)	Jaffe rate blanked comp. (-33μmol/l)	
		μmol/l	131	105	157	13.0	26.0			
		mg/dl	1.47	1.18	1.76	0.145	0.290	代偿速率法(-18 μmol/l)	Jaffe rate comp. (-18μmol/l)	
		μmol/l	130	104	156	13.0	26.0			
		mg/dl	1.46	1.17	1.75	0.145	0.290	Vitros DT60/DT60 II/DTSC II	Vitros, DT60/DT60 II/DTSC II	
		μmol/l	129	103	155	13.0	26.0			
		mg/dl	1.48	1.18	1.78	0.150	0.300	Vitros 可追溯至IDMS	Vitros, IDMS traceable	
		μmol/l	131	105	157	13.0	26.0			
D-3-Hydroxybutyrate	D-3- 羟基丁酸	mmol/l	0.293	0.249	0.337	0.022	0.044	Tris缓冲液100mmol, pH 8.5	Tris buffer 100mmol pH 8.5	
Digoxin	地高辛	nmol/l	2.07	1.66	2.48	0.205	0.410	免疫比法	Immunoturbidimetric	
		ng/ml	1.62	1.30	1.94	0.160	0.320			
Folate	叶酸	nmol/l	22.2	16.9	27.5	2.65	5.30	Roche Cobas e402/e801	Roche Cobas e402/e801	
		ng/ml	9.79	7.44	12.1	1.16	2.31			
Free T4	游离 T4	pmol/l	16.0	12.0	20.0	2.00	4.00	Abbott Architect / Alinity	Abbott Architect/Alinity	
		pg/ml	12.5	9.38	15.6	1.55	3.10			
		ng/dl	1.25	0.938	1.56	0.155	0.310			
		pmol/l	17.1	12.8	21.4	2.15	4.30	Beckman Access/LX725	Beckman Access/LX725	
		pg/ml	13.3	9.98	16.6	1.65	3.30			
		ng/dl	1.33	0.998	1.66	0.165	0.330			
		pmol/l	16.6	12.5	20.7	2.05	4.10	Beckman Dxl 600/800	Beckman Dxl 600/800	
		pg/ml	12.9	9.68	16.1	1.60	3.20			
		ng/dl	1.29	0.968	1.61	0.160	0.320			
		pmol/l	19.3	14.5	24.1	2.40	4.80	bioMerieux VIDAS FT4N Kit	bioMerieux, VIDAS-FT4N Kit	
		pg/ml	15.1	11.3	18.9	1.90	3.80			
		ng/dl	1.51	1.13	1.89	0.190	0.380			
		pmol/l	16.0	12.0	20.0	2.00	4.00	Mindray CL系列	Mindray CL 8000/6000/2000/1200/1000i	
		pg/ml	12.5	9.38	15.6	1.55	3.10			
		ng/dl	1.25	0.938	1.56	0.155	0.310			
		pmol/l	20.5	15.4	25.6	2.55	5.10	Roche Cobas 4000/E411	Roche Cobas 4000/e411	
		pg/ml	16.0	12.0	20.0	2.00	4.00			
		ng/dl	1.60	1.20	2.00	0.200	0.400			
		pmol/l	21.3	16.0	26.6	2.65	5.30	Roche Cobas e402/e801	Roche Cobas e402/e801	
		pg/ml	16.6	12.5	20.7	2.05	4.10			
		ng/dl	1.66	1.25	2.07	0.205	0.410			
		pmol/l	20.0	15.0	25.0	2.50	5.00	Roche Cobas e601/602	Roche Cobas e601/ 602	
		pg/ml	15.6	11.7	19.5	1.95	3.90			
		ng/dl	1.56	1.17	1.95	0.195	0.390			

Method		质控血清 (水平2) HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)							
批号 (Lot. No): 1687UN 货号 (Cat. No): HN1530 / HS2611 到期 (Expiry): 2027-10-28				范围		Range			
Analyte	分析项目	单位 Unit	靶值 Target	低值 Low	高值 High	1SD	2SD	方法	Method
Free T4	游离 T4	pmol/l	18.1	13.6	22.6	2.25	4.50	Siemens Centaur XP/XPT	Siemens Centaur XP/XPT
		pg/ml	14.1	10.6	17.6	1.75	3.50		
		ng/dl	1.41	1.06	1.76	0.175	0.350		
		pmol/l	18.0	13.5	22.5	2.25	4.50	Siemens Dimension ExL LOCI	Siemens Dimension ExL LOCI
		pg/ml	14.0	10.5	17.5	1.75	3.50		
		ng/dl	1.40	1.05	1.75	0.175	0.350		
		pmol/l	20.6	15.5	25.7	2.55	5.10	Siemens/DPC Immulite 1000	Siemens/DPC Immulite 1000
		pg/ml	16.1	12.1	20.1	2.00	4.00		
		ng/dl	1.61	1.21	2.01	0.200	0.400		
		pmol/l	20.2	15.2	25.2	2.50	5.00	SNIBE Maglumi 分析仪	SNIBE Maglumi analysers
		pg/ml	15.8	11.9	19.7	1.95	3.90		
		ng/dl	1.58	1.19	1.97	0.195	0.390		
		pmol/l	21.7	16.3	27.1	2.70	5.40	Tosoh AIA Series	Tosoh AIA Series
		pg/ml	16.9	12.7	21.1	2.10	4.20		
ng/dl	1.69	1.27	2.11	0.210	0.420				
gamma-GT	谷氨酰转移酶 (GGT)	U/l	53	45	61	4.00	8.00	DCL γ-谷氨酰-3-羧基-4-硝基苯胺	DCL, gamma glut-3-carb.-4-nitro.
		U/l	52	44	60	4.00	8.00	γ-谷氨酰-3-羧基-4-硝基苯胺	Gamma glut-3-carb.-4-nitro.
		U/l	54	46	62	4.00	8.00	γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut'3-carb'4-nitro(IFCC)
		U/l	53	45	61	4.00	8.00	γ-谷氨酰-4-硝基苯胺	Gamma glutamyl-4-nitroanilide
		U/l	54	46	62	4.00	8.00	Randox γ 谷氨酰-3-羧基-4-硝基苯胺	Randox Gamma glut'3-carb'4-nitro
Gentamicin	庆大霉素	μmol/l	7.11	5.69	8.53	0.710	1.42	重量法	Gravimetric
		μg/ml	3.40	2.72	4.08	0.340	0.680		
Glucose	葡萄糖	mmol/l	6.08	5.17	6.99	0.455	0.910	葡萄糖脱氢酶法	Glucose dehydrogenase
		mg/dl	110	93.5	127	8.50	17.0		
		mmol/l	6.17	5.24	7.10	0.465	0.930	葡萄糖氧化酶法	Glucose oxidase
		mg/dl	111	94.4	128	8.50	17.0		
		mmol/l	5.99	5.09	6.89	0.450	0.900	己糖激酶法	Hexokinase
		mg/dl	108	91.8	124	8.00	16.0		
HBDH	α-羟丁酸脱氢酶(HBDH)	U/l	198	156	240	21.0	42.0	氧代丁酮酸 < 10 mmol/l	Oxobutyrate < 10 mmol/l
HDL-Cholesterol	高密度脂蛋白胆固醇 (HDL-C)	mmol/l	1.29	1.10	1.48	0.095	0.190	直接高密度脂蛋白免疫分离法	Direct HDL, Immunoseparation
		mg/dl	49.8	42.3	57.3	3.75	7.50		
		mmol/l	1.32	1.12	1.52	0.100	0.200	直接高密度脂蛋白PEGME法	Direct HDL, PEGME
		mg/dl	51.0	43.4	58.6	3.80	7.60		
		mmol/l	1.33	1.13	1.53	0.100	0.200	直接高密度脂蛋白PPD法	Direct HDL, PPD
		mg/dl	51.3	43.6	59.0	3.85	7.70		
		mmol/l	1.35	1.15	1.55	0.100	0.200	直接高密度脂蛋白罗氏第4代	Direct HDL, Roche 4th gen.
		mg/dl	52.1	44.3	59.9	3.90	7.80		
		mmol/l	1.41	1.20	1.62	0.105	0.210	高密度脂蛋白胆固醇测定试剂盒 (均相测定法)	HDL Ultra/Accel Selective Detergent
		mg/dl	54.4	46.2	62.6	4.10	8.20		

Method		质控血清 (水平2) HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)									
批号 (Lot. No): 1687UN		货号 (Cat. No): HN1530 / HS2611		到期 (Expiry): 2027-10-28							
包装规格 (Size): 20 x 5ml / 5 x 5ml				范围		Range					
Analyte	分析项目	单位	靶值	低值	高值	1SD	2SD	方法		Method	
		Unit	Target	Low	High						
HDL-Cholesterol	高密度脂蛋白胆固醇 (HDL-C)	mmol/l	1.34	1.14	1.54	0.100	0.200	VitrosHDL PTA/MgCl2 直接沉淀法		Vitros dHDL, PTA/MgCl2 direct precip.	
		mg/dl	51.7	43.9	59.5	3.90	7.80				
		mmol/l	1.32	1.12	1.52	0.100	0.200	Vitros Magnetic HDL		Vitros, Magnetic HDL	
		mg/dl	51.0	43.4	58.6	3.80	7.60				
		mg/dl	210	158	262	26.0	52.0				
IgA	免疫球蛋白A (IgA)	g/l	2.10	1.58	2.62	0.260	0.520	比浊法 (IFCC 校准)		Turbidimetric (IFCC Cal.)	
		mg/dl	210	158	262	26.0	52.0				
		g/l	6.82	5.59	8.05	0.615	1.23	比浊法 (IFCC 校准)		Turbidimetric (IFCC Cal.)	
		mg/dl	682	559	805	61.5	123				
		g/l	0.699	0.559	0.839	0.070	0.140	比浊法 (IFCC 校准)		Turbidimetric (IFCC Cal.)	
		mg/dl	69.9	55.9	83.9	7.00	14.0				
		μmol/l	18.9	15.5	22.3	1.70	3.40	比色法 (含ppt)		Colorimetric with ppt.	
		μg/dl	106	86.9	125	9.50	19.0				
		μmol/l	18.9	15.5	22.3	1.70	3.40	比色法 (不含ppt)		Colorimetric without ppt.	
		μg/dl	106	86.9	125	9.50	19.0				
		mmol/l	1.52	1.25	1.79	0.135	0.270	乳酸氧化酶比色法		Colorimetric - Lactate oxidase	
		mg/dl	13.7	11.2	16.2	1.25	2.50				
		mmol/l	1.48	1.21	1.75	0.135	0.270	酶电极法		Enzymatic Electrode	
		mg/dl	13.3	10.9	15.7	1.20	2.40				
		mmol/l	1.48	1.21	1.75	0.135	0.270	乳酸脱氢酶紫外法		UV - LDH	
		mg/dl	13.3	10.9	15.7	1.20	2.40				
		U/l	197	167	227	15.0	30.0	L->P (IFCC)		L to P IFCC	
		U/l	195	166	224	14.5	29.0	L->P		Lactate to Pyruvate methods	
		U/l	393	334	452	29.5	59.0	P->L 德国方法		P to L German methods	
		U/l	33	26	40	3.50	7.00	Colorimetric Roche ACN(8)731/ID 0-100		Colorimetric Roche ACN(8)731/ID 0-100	
		U/l	33	26	40	3.50	7.00	Colorimetric Roche ACN(8)789/ID 0-052		Colorimetric Roche ACN(8)789/ID 0-052	
		U/l	33	26	40	3.50	7.00	罗氏脂肪酶比浊法		Roche Turbidimetric with colipase	
		mmol/l	0.995	0.876	1.11	0.058	0.115	离子选择性电极-间接法		ISE method - indirect	
		mg/dl	0.691	0.608	0.774	0.042	0.083				
		mmol/l	1.01	0.889	1.13	0.060	0.120	分光光度法		Spectrophotometric	
		mg/dl	0.701	0.617	0.785	0.042	0.084				
		mmol/l	0.906	0.797	1.02	0.057	0.114	偶氮砷III法		Arsenazo III	
		mg/dl	2.20	1.94	2.46	0.130	0.260				
		mmol/l	0.923	0.812	1.03	0.054	0.107	原子吸收法		Atomic absorption	
		mg/dl	2.24	1.97	2.51	0.135	0.270				
		mmol/l	0.911	0.802	1.02	0.055	0.109	钙镁指示剂比色法		Calmagite	
		mg/dl	2.21	1.94	2.48	0.135	0.270				
		mmol/l	0.928	0.817	1.04	0.056	0.112	偶氮氯膦III法		Chlorphosphonazo III	
		mg/dl	2.26	1.99	2.53	0.135	0.270				

Method										
质控血清 (水平2) HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)										
批号 (Lot. No): 1687UN		货号 (Cat. No): HN1530 / HS2611		到期 (Expiry): 2027-10-28						
包装规格 (Size): 20 x 5ml / 5 x 5ml				范围	Range					
Analyte	分析项目	单位 Unit	靶值 Target	低值 Low	高值 High	1SD	2SD	方法	Method	
Magnesium	镁	mmol/l	0.909	0.800	1.02	0.056	0.111	酶法	Enzymatic	
		mg/dl	2.21	1.94	2.48	0.135	0.270			
		mmol/l	0.906	0.797	1.02	0.057	0.114	甲基百里酚蓝	Methylthymol blue	
		mg/dl	2.20	1.94	2.46	0.130	0.260			
		mmol/l	0.922	0.811	1.03	0.054	0.108	二甲苯胺蓝法	Xylydyl Blue	
		mg/dl	2.24	1.97	2.51	0.135	0.270			
NEFA	游离脂肪酸	mmol/l	1.38	1.10	1.66	0.140	0.280	比色法	Colorimetric	
Osmolality	摩尔渗透压浓度	mOsm/ kg	286	229	343	28.5	57.0	计算	Calculated	
		mOsm/ kg	298	238	358	30.0	60.0	凝固点降低法	Freezing point depression	
Paracetamol (Acetamin.)	扑热息痛	mmol/l mg/l	0.086 13.0	0.069 10.4	0.103 15.6	0.009 1.30	0.017 2.60	重量法	Gravimetric	
Phosphate, Inorganic	无机磷	mmol/l	1.43	1.22	1.64	0.105	0.210	磷钼酸盐酶法	Phosphomolybdate enzymatic	
		mg/dl	4.43	3.77	5.09	0.330	0.660			
		mmol/l	1.45	1.23	1.67	0.110	0.220	磷钼酸盐紫外线法	Phosphomolybdate UV	
		mg/dl	4.50	3.83	5.17	0.335	0.670			
Potassium	钾	mmol/l	3.88	3.57	4.19	0.155	0.310	比色法	Colorimetric	
		mmol/l	3.92	3.61	4.23	0.155	0.310	酶法	Enzymatic	
		mmol/l	3.87	3.56	4.18	0.155	0.310	离子选择性电极-直接法	ISE method - direct	
		mmol/l	3.94	3.62	4.26	0.160	0.320	离子选择性电极-间接法	ISE method - indirect	
Protein, Total	总蛋白	g/l	57.7	46.2	69.2	5.75	11.5	双缩脲反应 CX4/5/7	Biuret reaction, CX4/5/7	
		g/dl	5.77	4.62	6.92	0.575	1.15			
		g/l	58.3	46.6	70.0	5.85	11.7	双缩脲反应终点法	Biuret reaction, end point	
		g/dl	5.83	4.66	7.00	0.585	1.17			
		g/l	58.2	46.6	69.8	5.80	11.6	双缩脲反应动力法	Biuret reaction, kinetic	
		g/dl	5.82	4.66	6.98	0.580	1.16			
PSA, Total	总前列腺特异抗原 (tPSA)	ng/ml	7.77	5.83	9.71	0.970	1.94	Abbott Architect / Alinity	Abbott Architect/ Alinity	
		ng/ml	11.5	8.63	14.4	1.45	2.90	Beckman Access 标准化到Hybritech	Beckman Access standardised to Hybritech	
		ng/ml	9.68	7.26	12.1	1.21	2.42	bioMerieux VIDAS TPSA	bioMerieux VIDAS TPSA	
		ng/ml	11.3	8.48	14.1	1.40	2.80	Mindray CL系列	Mindray CL-Series	
		ng/ml	10.4	7.80	13.0	1.30	2.60	Roche Cobas 4000/E411	Roche Cobas 4000/e411	
		ng/ml	9.83	7.37	12.3	1.24	2.47	Roche Cobas e402/e801	Roche Cobas e402/e801	
		ng/ml	10.4	7.80	13.0	1.30	2.60	Roche Cobas e601/602	Roche Cobas e601/602	
		ng/ml	8.59	6.44	10.7	1.06	2.11	Siemens Dimension	Siemens Dimension	
		ng/ml	8.61	6.46	10.8	1.10	2.19	SNIBE Maglumi 分析仪	SNIBE Maglumi analysers	
Salicylate	水杨酸	mmol/l mg/dl	0.434 5.99	0.347 4.79	0.521 7.19	0.044 0.600	0.087 1.20	重量法	Gravimetric	
Sodium	钠	mmol/l	139	132	146	3.50	7.00	火焰光度法	Flame photometry	
		mmol/l	138	131	145	3.50	7.00	离子选择性电极-直接法	ISE method - direct	
		mmol/L	140	133	147	3.50	7.00	离子选择性电极-间接法	ISE method - indirect	

Method		质控血清 (水平2)								HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)	
批号 (Lot. No): 1687UN		货号 (Cat. No): HN1530 / HS2611		到期 (Expiry): 2027-10-28							
包装规格 (Size): 20 x 5ml / 5 x 5ml				范围		Range					
Analyte	分析项目	单位 Unit	靶值 Target	低值 Low	高值 High	1SD	2SD	方法	Method		
Theophylline	茶碱	μmol/l	28.3	22.6	34.0	2.85	5.70	重量法	Gravimetric		
		μg/ml	5.10	4.08	6.12	0.510	1.02				
Thyroid Stimulating Hormone (TSH)	促甲状腺激素	μU/ml	1.16	0.928	1.39	0.115	0.230	Abbott Architect / Alinity	Abbott Architect/ Alinity		
		μU/ml	1.42	1.14	1.70	0.140	0.280	Access/LX725 Fast TSH 2nd gen.	Access/LX725 Fast TSH 2nd gen.		
		μU/ml	1.43	1.14	1.72	0.145	0.290	Access/LX725 hyper TSH 3rd gen.	Access/LX725 hyper TSH 3rd gen.		
		μU/ml	1.75	1.40	2.10	0.175	0.350	AutoBio CLIA	AutoBio CLIA		
		μU/ml	1.37	1.10	1.64	0.135	0.270	Beckman Dxl 600/800 Access 2 (3rd IS)	Beckman DXI600/800/ Access 2 (3rd IS)		
		μU/ml	1.66	1.33	1.99	0.165	0.330	bioMerieux VIDAS TSH	bioMerieux VIDAS TSH		
		μU/ml	1.26	1.01	1.51	0.125	0.250	Fujirebio Lumpulse G Series	Fujirebio Lumpulse G Series		
		μU/ml	1.82	1.46	2.18	0.180	0.360	Mindray CL系列	Mindray CL 8000/6000/2000/1200/1000I		
		μU/ml	1.68	1.34	2.02	0.170	0.340	Roche Cobas 4000/E411	Roche Cobas 4000/e411		
		μU/ml	1.61	1.29	1.93	0.160	0.320	Roche Cobas e402/e801	Roche Cobas e402/e801		
		μU/ml	1.69	1.35	2.03	0.170	0.340	Roche Cobas e601/602	Roche Cobas e601/ 602		
		μU/ml	1.67	1.34	2.00	0.165	0.330	Roche Elecsys	Roche Elecsys		
		μU/ml	1.35	1.08	1.62	0.135	0.270	Siemens Dimension ExL LOCI	Siemens Dimension ExL LOCI		
		μU/ml	1.69	1.35	2.03	0.170	0.340	Siemens/DPC Immulite 1000	Siemens/DPC Immulite 1000		
		μU/ml	1.51	1.21	1.81	0.150	0.300	SNIBE Maglumi 分析仪	SNIBE Maglumi analysers		
TIBC	总铁结合力(TIBC)	μU/ml	1.48	1.18	1.78	0.150	0.300	Tosoh AIA Series	Tosoh AIA Series		
		μmol/l	42.3	33.4	51.2	4.45	8.90	由转铁蛋白计算	Calculated from Transferrin		
		μg/dl	236	186	286	25.0	50.0				
		μmol/l	44.2	34.9	53.5	4.65	9.30	直接比色法	Direct Colorimetric		
		μg/dl	247	195	299	26.0	52.0				
		μmol/l	42.3	33.4	51.2	4.45	8.90	FE+UIBC (含铁饱和)	FE+UIBC(saturation with iron)		
		μg/dl	236	186	286	25.0	50.0				
		μmol/l	49.6	39.2	60.0	5.20	10.4	Randox 比色法	Randox Colorimetric		
		μg/dl	277	219	335	29.0	58.0				
		μmol/l	50.8	40.1	61.5	5.35	10.7	Randox 直接比色法	Randox Direct Colorimetric		
μg/dl	284	224	344	30.0	60.0						
		μmol/l	40.9	32.3	49.5	4.30	8.60	游离铁离子消除法	Removal of excess free iron		
		μg/dl	229	181	277	24.0	48.0				
Tobramycin	托普霉素	μmol/l	6.30	5.04	7.56	0.630	1.26	重量法	Gravimetric		
		μg/ml	2.95	2.36	3.54	0.295	0.590				
Total T3	总 T3	nmol/l	1.87	1.40	2.34	0.235	0.470	Abbott Architect / Alinity	Abbott Architect/ Alinity		
		ng/ml	1.22	0.915	1.53	0.155	0.310				
		ng/dl	122	91.5	153	15.5	31.0				

Method												
质控血清 (水平2) 人类ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)												
批号 (Lot. No): 1687UN			货号 (Cat. No): HN1530 / HS2611			到期 (Expiry): 2027-10-28						
包装规格 (Size): 20 x 5ml / 5 x 5ml			范围		Range							
Analyte	分析项目	单位	靶值	低值	高值	1SD	2SD	方法	Method			
		Unit	Target	Low	High							
Total T3	总 T3	nmo/l	2.18	1.64	2.72	0.270	0.540	Beckman Access/LX1725	Beckman Access/LX1725			
		ng/ml	1.42	1.07	1.77	0.175	0.350					
		ng/dl	142	107	177	17.5	35.0					
		nmo/l	2.01	1.51	2.51	0.250	0.500	bioMerieux VIDAS	bioMerieux, VIDAS			
		ng/ml	1.31	0.983	1.64	0.165	0.330					
		ng/dl	131	98.3	164	16.5	33.0					
		nmo/l	2.43	1.82	3.04	0.305	0.610	Roche Cobas 4000/E411	Roche Cobas 4000/e411			
		ng/ml	1.58	1.19	1.97	0.195	0.390					
		ng/dl	158	119	197	19.5	39.0					
		nmo/l	2.48	1.86	3.10	0.310	0.620	Roche Cobas e402/e801	Roche Cobas e402/e801			
		ng/ml	1.61	1.21	2.01	0.200	0.400					
		ng/dl	161	121	201	20.0	40.0					
		nmo/l	2.37	1.78	2.96	0.295	0.590	Roche Cobas e601/602	Roche Cobas e601/602			
		ng/ml	1.54	1.16	1.92	0.190	0.380					
		ng/dl	154	116	192	19.0	38.0					
		nmo/l	2.33	1.75	2.91	0.290	0.580	Siemens Centaur XP/XPT	Siemens Centaur XP/XPT			
		ng/ml	1.52	1.14	1.90	0.190	0.380					
		ng/dl	152	114	190	19.0	38.0					
		Total T4	总 T4	nmo/l	86.8	65.1	109	11.1	22.2	Abbott Architect / Alinity	Abbott Architect/ Alinity	
				ng/ml	67.7	50.8	84.6	8.45	16.9			
				µg/dl	6.77	5.08	8.46	0.845	1.69			
nmo/l	97.2			72.9	122	12.4	24.8	Beckman Access/LX1725	Beckman Access/LX1725			
ng/ml	75.8			56.9	94.7	9.45	18.9					
µg/dl	7.58			5.69	9.47	0.945	1.89					
nmo/l	86.5			64.9	108	10.8	21.5	bioMerieux VIDAS	bioMerieux, VIDAS			
ng/ml	67.5			50.6	84.4	8.45	16.9					
µg/dl	6.75			5.06	8.44	0.845	1.69					
nmo/l	93.0			69.8	116	11.5	23.0	Roche Cobas 4000/E411	Roche Cobas 4000/e411			
ng/ml	72.5			54.4	90.6	9.05	18.1					
µg/dl	7.25			5.44	9.06	0.905	1.81					
nmo/l	89.2			66.9	112	11.4	22.8	Roche Cobas e402/e801	Roche Cobas e402/e801			
ng/ml	69.6			52.2	87.0	8.70	17.4					
µg/dl	6.96			5.22	8.70	0.870	1.74					
nmo/l	89.0			66.8	111	11.0	22.0	Roche Cobas e601/602	Roche Cobas e601/ 602			
ng/ml	69.4			52.1	86.7	8.65	17.3					
µg/dl	6.94			5.21	8.67	0.865	1.73					
nmo/l	98.9			74.2	124	12.6	25.1	Thermo Scientific / Microgenics DRI	Thermo Scientific / Microgenics DRI			
ng/ml	77.1			57.8	96.4	9.65	19.3					
µg/dl	7.71			5.78	9.64	0.965	1.93					

