

【英文名称】: ASSAYED HUMAN SERA LEVEL 2 (HUM ASY CONTROL 2)

【中文名称】: 质控血清（水平 2）

【货号】 (CAT. NUMBER): HNI530

【批号】 (LOT NUMBER): I692UN

【包装规格】 (SIZE): 20 x 5 mL

【到期】 (EXPIRY): 2027-11-28

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: 08 May '24 me

Method 所有仪器均值			HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)						质控血清 (水平2)
批号 (Lot. No): I692UN		货号 (Cat. No): HNI530 / HS261 I	到期 (Expiry): 2027-11-28						
包装规格 (Size): 20 x 5ml / 5 x 5ml			Range		范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	方法	Method
Albumin	白蛋白	g/l	40.4	34.3	46.5	3.05	6.10	溴甲酚绿	Bromocresol Green
		g/dl	4.04	3.43	4.65	0.305	0.610		
		g/l	40.9	34.8	47.0	3.05	6.10	溴甲酚紫	Bromocresol Purple
		g/dl	4.09	3.48	4.70	0.305	0.610		
		g/l	40.7	34.6	46.8	3.05	6.10	Ortho Vitros Microslide Systems	Ortho Vitros MicroSlide Systems
		g/dl	4.07	3.46	4.68	0.305	0.610		
		g/l	38.8	33.0	44.6	2.90	5.80	比浊法	Turbidimetric Assays
		g/dl	3.88	3.30	4.46	0.290	0.580		
Alkaline Phosphatase	碱性磷酸酶	U/l	196	167	225	14.5	29.0	非推荐AMP	AMP non-optimised
		U/l	195	166	224	14.5	29.0	IFCC推荐AMP	AMP optimised to IFCC
		U/l	176	150	202	13.0	26.0	比色法	Colorimetric
		U/l	270	230	310	20.0	40.0	二乙醇胺 (DEA)缓冲液	Diethanolamine buffer, DEA
		U/l	167	142	192	12.5	25.0	Ortho Vitros Microslide Systems	Ortho Vitros MicroSlide Systems
ALT (GPT)	丙氨酸氨基转移酶	U/l	37	30	44	3.50	7.00	比色法	Colorimetric
		U/l	46	37	55	4.50	9.00	奥森多干化学法	Ortho Vitros MicroSlide visible
		U/l	38	30	46	4.00	8.00	Tris缓冲液 (含P5P)	Tris buffer with P5P
		U/l	36	29	43	3.50	7.00	Tris缓冲液 (不含P5P)	Tris buffer without P5P
		U/l	61	52	70	4.50	9.00	免疫抑制EPS底物法	Immunoinhibition, EPS substrate
Amylase, Pancreatic	胰淀粉酶	U/l	62	53	71	4.50	9.00	Roche 液体稳定 pNPG7	Roche liquid stable pNPG7
Amylase, Total	淀粉酶	U/l	86	73	99	6.50	13.0	Abbott Alinity 淀粉酶 2	Abbott Alinity Amylase 2
		U/l	87	74	100	6.50	13.0	Abbott Architect 淀粉酶 2	Abbott Architect Amylase 2
		U/l	88	75	101	6.50	13.0	Abbott Architect / Alinity cal factor 3431	Abbott Architect/Alinity cal factor 3431
		U/l	81	69	93	6.00	12.0	Beckman CNPG3 (Master Cal)	Beckman CNPG3 (Master Cal)
		U/l	89	76	102	6.50	13.0	Beckman Coulter 阻断 pNPG7	Beckman Coulter - blocked pNPG7
		U/l	84	71	97	6.50	13.0	BM/Roche 比色 pNPG7	BM/Roche Colorimetric pNPG7
		U/l	64	54	74	5.00	10.0	Ortho Vitros Microslide Systems	Ortho Vitros MicroSlide Systems
		U/l	86	73	99	6.50	13.0	Roche Integra 2-氯-pNPG7	Roche Integra 2-chloro-pNPG7
		U/l	86	73	99	6.50	13.0	Roche 液体稳定 pNPG7	Roche liquid stable pNPG7
		U/l	93	79	107	7.00	14.0	Siemens 阻断 pNPG7	Siemens - blocked pNPG7
		U/l	90	77	103	6.50	13.0	Siemens 2-氯-pNPG3	Siemens 2-chloro-pNPG3
Apolipoprotein AI	载脂蛋白A-I	g/l	1.12	0.918	1.32	0.100	0.200	免疫比浊法	Immunoturbidimetric
		mg/dl	1.12	91.8	132	10.0	20.0		
Apolipoprotein B	载脂蛋白 B	g/l	0.679	0.557	0.801	0.061	0.122	免疫比浊法	Immunoturbidimetric
		mg/dl	67.9	55.7	80.1	6.10	12.2		
AST (GOT)	谷草转氨酶(AST或GOT)	U/l	52	42	62	5.00	10.0	奥森多干化学法	Ortho Vitros MicroSlide visible
		U/l	49	39	59	5.00	10.0	Tris缓冲液 (含P5P)	Tris buffer with P5P
		U/l	35	28	42	3.50	7.00	Tris缓冲液 (不含P5P)	Tris buffer without P5P
Bicarbonate	碳酸氢盐	mmol/l	13.1	10.4	15.8	1.35	2.70	酶法	Enzymatic
Bile Acids	胆汁酸	µmol/l	25.3	20.2	30.4	2.55	5.10	第 4 代比色法	4th Generation Colorimetric

Method 所有仪器均值			HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)						质控血清 (水平2)	
批号 (Lot. No): I692UN			货号 (Cat. No): HNI530 / HS2611			到期 (Expiry): 2027-11-28				
包装规格 (Size): 20 x 5ml / 5 x 5ml			Range		范围					
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	1SD	2SD	方法	Method	
Bile Acids	胆汁酸	μmol/l	26.2	21.0	31.4	2.60	5.20	第 5 代比色法	5th Generation Colorimetric	
Bilirubin, Conjugated Vitros BC	结合胆红素 Vitros BC	mg/dl μmol/l	0.825 14.1	0.652 11.1	0.998 17.1	0.087 1.50	0.173 3.00	BuBc Vitros slide	BuBc Vitros slide	
Bilirubin, Direct	直接胆红素	mg/dl μmol/l	1.18 20.1	0.932 15.9	1.43 24.3	0.125 2.10	0.250 4.20	重氮与二氯苯胺	Diazo with Dichloroaniline	
		mg/dl μmol/l	1.16 19.9	0.916 15.7	1.40 24.1	0.120 2.10	0.240 4.20	重氮化对氨基苯磺酸法	Diazo with Sulphanilic Acid	
		mg/dl μmol/l	1.26 21.5	0.995 17.0	1.53 26.0	0.135 2.25	0.270 4.50	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium	
		mg/dl μmol/l	1.05 17.9	0.830 14.1	1.27 21.7	0.110 1.90	0.220 3.80	改良 Jendrassik法	Modified Jendrassik	
		mg/dl μmol/l	1.12 19.2	0.885 15.2	1.36 23.2	0.120 2.00	0.240 4.00	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate	
		mg/dl μmol/l	1.29 22.1	1.02 17.5	1.56 26.7	0.135 2.30	0.270 4.60	Roche DPD JG 标准化	Roche DPD JG standardised	
Bilirubin, Total	总胆红素	mg/dl μmol/l	1.48 25.3	1.17 20.0	1.79 30.6	0.155 2.65	0.310 5.30	Abbott Alinity / Architect calibration batch number > 97447/8/9	Abbott Alin/Arch cal batch no > 97447/8/9	
		mg/dl μmol/l	1.53 26.2	1.21 20.7	1.85 31.7	0.160 2.75	0.320 5.50	重氮与二氯苯胺	Diazo with Dichloroaniline	
		mg/dl μmol/l	1.61 27.6	1.27 21.8	1.95 33.4	0.170 2.90	0.340 5.80	重氮化对氨基苯磺酸法	Diazo with Sulphanilic Acid	
		mg/dl μmol/l	1.52 25.9	1.20 20.5	1.84 31.3	0.160 2.70	0.320 5.40	重氮离子法	Diazonium ion	
		mg/dl μmol/l	1.50 25.6	1.19 20.2	1.81 31.0	0.155 2.70	0.310 5.40	二氯苯基重氮 (DPD法)	Dichlorophenyl Diazonium	
		mg/dl μmol/l	1.78 30.4	1.41 24.0	2.15 36.8	0.185 3.20	0.370 6.40	DPD (Beckman AU)	DPD (Beckman AU)	
		mg/dl μmol/l	2.03 34.7	1.60 27.4	2.46 42.0	0.215 3.65	0.430 7.30	改良 Jendrassik法	Modified Jendrassik	
		mg/dl μmol/l	1.85 31.6	1.46 25.0	2.24 38.2	0.195 3.30	0.390 6.60	Ortho Vitros MicroSlide Total Bilirubin	Ortho Vitros MicroSlide Total Bil	
		mg/dl μmol/l	1.77 30.3	1.40 23.9	2.14 36.7	0.185 3.20	0.370 6.40	氧化成胆绿素/钒酸盐	Oxidation to Biliverdin/Vanadate	
Calcium	钙	mmol/l	2.11	1.90	2.32	0.105	0.210	偶氮砷III法	Arsenazo III	
		mg/dl	8.46	7.61	9.31	0.425	0.850			
		mmol/l	2.07	1.86	2.28	0.105	0.210	甲酚酞络合剂比色法	Cresolphthalein complexone	
		mg/dl	8.30	7.47	9.13	0.415	0.830			
		mmol/l	2.11	1.90	2.32	0.105	0.210	NM-BAPTA	NM-BAPTA	
		mg/dl	8.46	7.61	9.31	0.425	0.850			

Method 所有仪器均值		HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)							质控血清 (水平2)
批号 (Lot. No): I692UN		货号 (Cat. No): HNI530 / HS2611		到期 (Expiry): 2027-11-28					
包装规格 (Size): 20 x 5ml / 5 x 5ml		Range			范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	方法	Method
Calcium	钙	mmol/l mg/dl	2.08 8.34	1.87 7.51	2.29 9.17	0.105 0.415	0.210 0.830	Ortho Vitros Microslide Systems	Ortho Vitros MicroSlide Systems
Calcium, Ionised	离子钙	mmol/l mg/dl	1.03 4.13	0.927 3.72	1.13 4.54	0.050 0.205	0.100 0.410	离子选择性电极法	Ion Selective Electrode
Chloride	氯	mmol/l	99.4	91.4	107	3.80	7.60	离子选择性电极-直接法	ISE, direct
		mmol/l	97.8	90.0	106	4.10	8.20	离子选择性电极-间接法	ISE, indirect
		mmol/l	101	92.9	109	4.00	8.00	Ortho Vitros Microslide Systems	Ortho Vitros MicroSlide Systems
Cholesterol	胆固醇	mmol/l mg/dl	4.11 159	3.58 138	4.64 180	0.265 10.5	0.530 21.0	Abbott Architect 胆固醇 2	Abbott Architect Cholesterol 2
		mmol/l mg/dl	4.07 157	3.54 137	4.60 177	0.265 10.0	0.530 20.0	胆固醇氧化酶 - Abell Kendall	Cholesterol Oxidase - Abell Kendall
		mmol/l mg/dl	4.08 157	3.55 137	4.61 177	0.265 10.0	0.530 20.0	胆固醇氧化酶 - IDMS	Cholesterol Oxidase - IDMS
		mmol/l mg/dl	4.09 158	3.56 137	4.62 179	0.265 10.5	0.530 21.0	Ortho Vitros Microslide Systems	Ortho Vitros MicroSlide Systems
		U/l	243	199	287	22.0	44.0	Beckman CK-NAC (IFCC)	Beckman CK-NAC (IFCC)
		U/l	221	181	261	20.0	40.0	肌酸激酶-NAC (IFCC)	CK-NAC (IFCC)
		U/l	223	183	263	20.0	40.0	肌酸激酶-NAC 底物启动 (DGKC)	CK-NAC substrate start (DGKC)
CK, Total	肌酸激酶 (总)	U/l	223	183	263	20.0	40.0	磷酸肌酸 底物启动	Creatine phosphate substrate start
		U/l	214	175	253	19.5	39.0	Ortho Vitros Microslide Systems	Ortho Vitros MicroSlide Systems
		µmol/l µg/dl	16.7 106	13.4 84.8	20.0 127	1.65 10.5	3.30 21.0	比色法	Colorimetric
		nmol/l µg/dl	529 19.0	397 14.3	661 23.7	66.0 2.35	132 4.70	Roche Cobas e402/e801	Roche Cobas e402/e801
		mg/dl µmol/l	1.36 120	1.09 96.0	1.63 144	0.135 12.0	0.270 24.0	Abbott Alinity 肌酐 2	Abbott Alinity Creatinine 2
Creatinine	肌酐	mg/dl µmol/l	1.38 122	1.10 97.6	1.66 146	0.140 12.0	0.280 24.0	碱性苦味酸盐法 (未去蛋白)	Alkaline picrate no deproteinisation
		mg/dl µmol/l	1.32 117	1.06 93.6	1.58 140	0.130 11.5	0.260 23.0	可追溯至同位素稀释质谱法 (IDMS)	IDMS traceable
		mg/dl µmol/l	1.39 123	1.11 98.4	1.67 148	0.140 12.5	0.280 25.0	抑制速率法	Jaffe rate blanked
		mg/dl µmol/l	1.37 121	1.10 96.8	1.64 145	0.135 12.0	0.270 24.0	竞争速率法(-26 µmol/l)	Jaffe rate blanked comp. (-26µmol/l)
		mg/dl µmol/l	1.32 117	1.06 93.6	1.58 140	0.130 11.5	0.260 23.0	代偿速率法(-18 µmol/l)	Jaffe rate comp. (-18µmol/l)
		mg/dl µmol/l	1.30 115	1.04 92.0	1.56 138	0.130 11.5	0.260 23.0	Vitros 可追溯至IDMS	Vitros, IDMS traceable
		mmol/l	0.283	0.241	0.325	0.021	0.042	Tris缓冲液100mmol, pH 8.5	Tris buffer 100mmol pH 8.5

Method 所有仪器均值			HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)						质控血清 (水平2)	
批号 (Lot. No): I692UN		货号 (Cat. No): HNI530 / HS2611	到期 (Expiry): 2027-11-28							
包装规格 (Size): 20 x 5ml / 5 x 5ml			Range		范围					
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	方法	Method	
Digoxin	地高辛	nmol/l ng/ml	1.73 1.35	1.38 1.08	2.08 1.62	0.175 0.135	0.350 0.270	免疫比浊法	Immunoturbidimetric	
Folate	叶酸	nmol/l ng/ml	26.8 11.8	20.4 8.97	33.2 14.6	3.20 1.40	6.40 2.80	Roche Cobas e402/e801	Roche Cobas e402/e801	
Free T4	游离 T4	pmol/l	14.9	11.2	18.6	1.85	3.70	Abbott Architect / Alinity	Abbott Architect/Alinity	
		pg/ml ng/dl	11.6 1.16	8.70 0.870	14.5 1.45	1.45 0.145	2.90 0.290			
		pmol/l	19.2	14.4	24.0	2.40	4.80	Roche Cobas 4000/E411	Roche Cobas 4000/e411	
		pg/ml	15.0	11.3	18.7	1.85	3.70			
		ng/dl	1.50	1.13	1.87	0.185	0.370			
		pmol/l	20.7	15.5	25.9	2.60	5.20	Roche Cobas e402/e801	Roche Cobas e402/e801	
		pg/ml ng/dl	16.1 1.61	12.1 1.21	20.1 2.01	2.00 0.200	4.00 0.400			
		pmol/l	19.9	14.9	24.9	2.50	5.00	Roche Cobas e601/602	Roche Cobas e601/ 602	
		pg/ml	15.5	11.6	19.4	1.95	3.90			
		ng/dl	1.55	1.16	1.94	0.195	0.390			
gamma-GT	谷氨酰转氨酶 (GGT)	U/l	60	51	69	4.50	9.00	Abbott Alinity 谷氨酰转氨酶 2	Abbott Alinity GGT 2	
		U/l	55	47	63	4.00	8.00	γ-谷氨酰-3-羧基-4-硝基苯胺	Gamma glut-3-carb.-4-nitro.	
		U/l	59	50	68	4.50	9.00	γ-谷氨酰-3-羧基-4-硝基苯胺 (IFCC)	Gamma glut' 3-carb' 4-nitro(IFCC)	
		U/l	65	55	75	5.00	10.0	Ortho Vitros Microslide Systems	Ortho Vitros MicroSlide Systems	
Gentamicin	庆大霉素	μmol/l μg/ml	7.11 3.40	5.69 2.72	8.53 4.08	0.710 0.340	1.42 0.680	重量法	Gravimetric	
GLDH	谷氨酸脱氢酶 (GLDH)	U/l	16	13	19	1.50	3.00	三乙醇胺缓冲液	Triethanolamine buffer	
Glucose	葡萄糖	mmol/l	6.02	5.12	6.92	0.450	0.900	葡萄糖氧化酶法	Glucose oxidase	
		mg/dl	108	91.8	124	8.00	16.0			
		mmol/l	5.93	5.04	6.82	0.445	0.890	己糖激酶法	Hexokinase	
		mg/dl	107	91.0	123	8.00	16.0			
		mmol/l	5.96	5.07	6.85	0.445	0.890	Ortho Vitros Microslide Systems	Ortho Vitros MicroSlide Systems	
		mg/dl	107	91.0	123	8.00	16.0			
HBDH		U/l	207	164	250	21.5	43.0	氧代丁酸酯 < 10 mmol/l	Oxobutyrate < 10 mmol/l	
HDL-Cholesterol	高密度脂蛋白胆固醇 (HDL-C)	mmol/l	1.25	1.06	1.44	0.095	0.190	直接高密度脂蛋白免疫分离法	Direct HDL, Immunoseparation	
		mg/dl	48.3	41.1	55.5	3.60	7.20			
		mmol/l	1.31	1.11	1.51	0.100	0.200	直接高密度脂蛋白PEGME法	Direct HDL, PEGME	
		mg/dl	50.6	43.0	58.2	3.80	7.60			
		mmol/l	1.36	1.16	1.56	0.100	0.200	直接高密度脂蛋白PPD法	Direct HDL, PPD	
		mg/dl	52.5	44.6	60.4	3.95	7.90			
		mmol/l	1.31	1.11	1.51	0.100	0.200	直接高密度脂蛋白罗氏第4代	Direct HDL, Roche 4th gen.	
		mg/dl	50.6	43.0	58.2	3.80	7.60			

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包装规格 (Size): 20 x 5ml / 5 x 5ml			Range		范围					
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	方法	Method	
HDL-Cholesterol	高密度脂蛋白胆固醇 (HDL-C)	mmol/l	1.36	1.16	1.56	0.100	0.200	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	52.5	44.6	60.4	3.95	7.90			
		mmol/l	1.31	1.11	1.51	0.100	0.200	Vitros dHDL PTA/MgCl2 直接沉淀法	Vitros dHDL PTA/MgCl2 direct precip.	
		mg/dl	50.6	43.0	58.2	3.80	7.60			
IgA	免疫球蛋白A (IgA)	g/l	2.03	1.52	2.54	0.255	0.510	比浊法 (IFCC 校准)	Turbidimetric (IFCC Cal.)	
		mg/dl	203	152	254	25.5	51.0			
IgG	免疫球蛋白G (IgG)	g/l	6.87	5.63	8.11	0.620	1.24	比浊法 (IFCC 校准)	Turbidimetric (IFCC Cal.)	
		mg/dl	687	563	811	62.0	124			
IgM	免疫球蛋白M (IgM)	g/l	0.693	0.554	0.832	0.070	0.139	比浊法 (IFCC 校准)	Turbidimetric (IFCC Cal.)	
		mg/dl	69.3	55.4	83.2	6.95	13.9			
Iron	铁	μmol/l	19.8	16.2	23.4	1.80	3.60	比色法 (含ppt.)	Colorimetric with ppt.	
		μg/dl	111	91.0	131	10.0	20.0			
		μmol/l	19.9	16.3	23.5	1.80	3.60	比色法 (不含ppt.)	Colorimetric without ppt.	
		μg/dl	111	91.0	131	10.0	20.0			
		μmol/l	21.8	17.9	25.7	1.95	3.90	Ortho Vitros MicroSlide Systems	Ortho Vitros MicroSlide Systems	
		μg/dl	122	100	144	11.0	22.0			
Lactate	乳酸	mmol/l	1.54	1.26	1.82	0.140	0.280	乳酸氧化酶比色法	Colorimetric - Lactate oxidase	
		mg/dl	13.9	11.4	16.4	1.25	2.50			
		mmol/l	1.40	1.15	1.65	0.125	0.250	酶电极法	Enzymatic Electrode	
		mg/dl	12.6	10.3	14.9	1.15	2.30			
LD (LDH)	乳酸脱氢酶 (LDH)	U/l	204	173	235	15.5	31.0	L->P (IFCC)	L to P IFCC	
		U/l	196	167	225	14.5	29.0	L->P	Lactate to Pyruvate methods	
		U/l	220	187	253	16.5	33.0	奥森多可溯源至IFCC	Ortho Vitros IFCC Traceable	
		U/l	396	337	455	29.5	59.0	P->L 德国方法	P to L German methods	
		U/l	426	362	490	32.0	64.0	P->L 斯堪的纳维亚和荷兰	P to L Scandinavian & Dutch	
		U/l	403	343	463	30.0	60.0	P to L SFBC / SEQC	P to L SFBC / SEQC	
		U/l	48	38	58	5.00	10.0	Randox 比色法	Colorimetric Randox	
Lipase	脂肪酶	U/l	38	30	46	4.00	8.00	罗氏比色法 ACN(8)731/ID 0-100	Colorimetric Roche ACN(8)731/ID 0-100	
		U/l	38	30	46	4.00	8.00	罗氏比色法 ACN(8)789/ID 0-052	Colorimetric Roche ACN(8)789/ID 0-052	
		U/l	38	30	46	4.00	8.00	罗氏比色法 ACN(8)789/ID 0-052	Colorimetric Roche ACN(8)789/ID 0-052	
Lithium	锂	mmol/l	0.953	0.839	1.07	0.059	0.117	分光光度法	Spectrophotometric	
		mg/dl	0.662	0.583	0.741	0.040	0.079			
Magnesium	镁	mmol/l	0.899	0.791	1.01	0.056	0.111	偶氮砷III法	Arsenazo III	
		mg/dl	2.18	1.92	2.44	0.130	0.260			
		mmol/l	0.925	0.814	1.04	0.058	0.115	偶氮氯膦III法	Chlorphosphonazo III	
		mg/dl	2.25	1.98	2.52	0.135	0.270			
		mmol/l	0.905	0.796	1.01	0.053	0.105	酶法	Enzymatic	
		mg/dl	2.20	1.94	2.46	0.130	0.260			
		mmol/l	0.893	0.786	1.00	0.054	0.107	甲基百里酚蓝	Methylthymol blue	
		mg/dl	2.17	1.91	2.43	0.130	0.260			

Method 所有仪器均值		HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)							质控血清 (水平2)
批号 (Lot. No): I692UN		货号 (Cat. No): HN1530 / HS2611		到期 (Expiry): 2027-11-28					
包装规格 (Size): 20 x 5ml / 5 x 5ml		Range			范围				
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	方法	Method
Magnesium	镁	mmol/l	0.920	0.810	1.03	0.055	0.110	Ortho Vitros Microslide Systems	Ortho Vitros MicroSlide Systems
		mg/dl	2.24	1.97	2.51	0.135	0.270		
		mmol/l	0.920	0.810	1.03	0.055	0.110	二甲苯胺蓝法	Xylidyl Blue
		mg/dl	2.24	1.97	2.51	0.135	0.270		
NEFA	游离脂肪酸	mmol/l	0.632	0.506	0.758	0.063	0.126	免疫比浊法	Immunoturbidimetric
Osmolality	摩尔渗透压浓度	mOsm/ kg	300	240	360	30.0	60.0	计算	Calculated
		mOsm/ kg	311	249	373	31.0	62.0	凝固点降低法	Freezing point depression
Paracetamol (Acetamin.)	扑热息痛	mmol/l	0.090	0.072	0.108	0.009	0.018	重量法	Gravimetric
		mg/l	13.6	10.9	16.3	1.35	2.70		
Phosphate, Inorganic	无机磷	mmol/l	1.50	1.28	1.72	0.110	0.220	Ortho Vitros Microslide Systems	Ortho Vitros MicroSlide Systems
		mg/dl	4.65	3.95	5.35	0.350	0.700		
		mmol/l	1.45	1.23	1.67	0.110	0.220	磷钼酸盐酶法	Phosphomolybdate enzymatic
		mg/dl	4.50	3.83	5.17	0.335	0.670		
		mmol/l	1.45	1.23	1.67	0.110	0.220	磷钼酸盐紫外法	Phosphomolybdate UV
		mg/dl	4.50	3.83	5.17	0.335	0.670		
Potassium	钾	mmol/l	4.16	3.83	4.49	0.165	0.330	酶法	Enzymatic
		mmol/l	4.02	3.70	4.34	0.160	0.320	离子选择性电极-直接法	ISE method - direct
		mmol/l	4.09	3.76	4.42	0.165	0.330	离子选择性电极-间接法	ISE method - indirect
		mmol/l	4.10	3.77	4.43	0.165	0.330	Ortho Vitros Microslide Systems	Ortho Vitros MicroSlide Systems
Protein, Total	总蛋白	g/l	58.1	46.5	69.7	5.80	11.6	Abbott Alinity 总蛋白 2	Abbott Alinity Total Protein 2
		g/dl	5.81	4.65	6.97	0.580	1.16		
		g/l	58.9	47.1	70.7	5.90	11.8	Abbott Architect 总蛋白 2	Abbott Architect total Protein 2
		g/dl	5.89	4.71	7.07	0.590	1.18		
		g/l	57.0	45.6	68.4	5.70	11.4	双缩脲反应终点法	Biuret reaction, end point
		g/dl	5.70	4.56	6.84	0.570	1.14		
		g/l	56.5	45.2	67.8	5.65	11.3	双缩脲反应动力法	Biuret reaction, kinetic
		g/dl	5.65	4.52	6.78	0.565	1.13		
PSA, Total	总前列腺特异抗原 (tPSA)	ng/ml	9.54	7.16	11.9	1.18	2.36	Abbott Architect / Alinity	Abbott Architect/ Alinity
		ng/ml	12.1	9.08	15.1	1.50	3.00	Roche Cobas 4000/E411	Roche Cobas 4000/e411
		ng/ml	11.4	8.55	14.3	1.45	2.90	Roche Cobas e402/e801	Roche Cobas e402/e801
Salicylate	水杨酸	mmol/l	0.430	0.344	0.516	0.043	0.086	重量法	Gravimetric
		mg/dl	5.93	4.74	7.12	0.595	1.19		
Sodium	钠	mmol/l	143	136	150	3.50	7.00	酶法	Enzymatic
		mmol/l	140	133	147	3.50	7.00	离子选择性电极-直接法	ISE method - direct
		mmol/l	141	134	148	3.50	7.00	离子选择性电极-间接法	ISE method - indirect

Method 所有仪器均值		HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)							质控血清 (水平2)
批号 (Lot. No): I692UN		货号 (Cat. No): HNI530 / HS2611		到期 (Expiry): 2027-11-28					
包装规格 (Size): 20 x 5ml / 5 x 5ml				Range		范围			
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	ISD	2SD	方法	Method
Sodium	钠	mmol/l	141	134	148	3.50	7.00	Ortho Vitros MicroSlide Systems	Ortho Vitros MicroSlide Systems
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	1.13	0.904	1.36	0.115	0.230	Abbott Architect / Alinity	Abbott Architect/ Alinity
		μU/ml	1.64	1.31	1.97	0.165	0.330	Roche Cobas 4000/E411	Roche Cobas 4000/e411
		μU/ml	1.54	1.23	1.85	0.155	0.310	Roche Cobas e402/e801	Roche Cobas e402/e801
		μU/ml	1.61	1.29	1.93	0.160	0.320	Roche Cobas e601/602	Roche Cobas e601/ 602
TIBC	总铁结合力(TIBC)	μmol/l	46.4	36.7	56.1	4.85	9.70	由转铁蛋白计算	Calculated from Transferrin
		μg/dl	259	205	313	27.0	54.0		
		μmol/l	47.1	37.2	57.0	4.95	9.90	直接比色法	Direct Colorimetric
		μg/dl	263	208	318	27.5	55.0		
		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		
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	1.61	1.21	2.01	0.200	0.400	Abbott Architect / Alinity	Abbott Architect/ Alinity
		ng/ml	1.05	0.788	1.31	0.130	0.260		
		ng/dl	105	78.8	131	13.0	26.0		
Total T4	总 T4	nmol/l	88.5	66.4	111	11.3	22.5	Abbott Architect / Alinity	Abbott Architect/ Alinity
		ng/ml	69.0	51.8	86.2	8.60	17.2		
		μg/dl	6.90	5.18	8.62	0.860	1.72		
Transferrin	转铁蛋白	g/l	1.87	1.50	2.24	0.185	0.370	比浊法 (IFCC 校准)	Turbidimetric (IFCC Cal.)
		mg/dl	187	150	224	18.5	37.0		
Triglycerides	甘油三酸酯	mmol/l	1.06	0.890	1.23	0.085	0.170	Abbott Alinity i	Abbott Alinity i
		mg/dl	93.8	78.8	109	7.60	15.2		
		mmol/l	1.08	0.907	1.25	0.085	0.170	Abbott Architect 甘油三酸酯 2	Abbott Architect Triglyceride 2
		mg/dl	95.6	80.3	111	7.70	15.4		
		mmol/l	1.10	0.924	1.28	0.090	0.180	脂肪酶/GK UV (无校正)	Lipase/GK UV, no correction
		mg/dl	97.4	81.8	113	7.80	15.6		
		mmol/l	1.11	0.932	1.29	0.090	0.180	脂肪酶/甘油脱氢酶	Lipase/Glycerol Dehydrogenase
		mg/dl	98.2	82.5	114	7.90	15.8		
		mmol/l	1.12	0.941	1.30	0.090	0.180	脂肪酶/GPO-PAP (无校正)	Lipase/GPO-PAP no correction
		mg/dl	99.1	83.2	115	7.95	15.9		
		mmol/l	1.32	1.11	1.53	0.105	0.210	Ortho Vitros MicroSlide Systems	Ortho Vitros MicroSlide Systems
		mg/dl	117	98.3	136	9.50	19.0		
		mmol/l	1.16	0.974	1.35	0.095	0.190	Siemens Atellica IM	Siemens Atellica IM
		mg/dl	103	86.5	120	8.50	17.0		

Method 所有仪器均值		HUMAN ASSAYED MULTI-SERA - LEVEL 2 (HUM ASY CONTROL 2)							质控血清 (水平2)
批号 (Lot. No): I692UN		货号 (Cat. No): HNI530 / HS2611		到期 (Expiry): 2027-11-28					
包装规格 (Size): 20 x 5ml / 5 x 5ml				Range		范围			
Analyte	分析项目	Unit 单位	Target 靶值	Low 低值	High 高值	1SD	2SD	方法	Method
Urea	尿素	mmol/l	8.25	7.01	9.49	0.620	1.24	Abbott Architect 尿素氮 2	Abbott Architect Urea Nitrogen 2
		mg/dl	49.6	42.2	57.0	3.70	7.40		
		mg/dl (BUN)	23.1	19.6	26.6	1.75	3.50		
		mmol/l	7.31	6.21	8.41	0.550	1.10	Ortho Vitros MicroSlide Systems	Ortho Vitros MicroSlide Systems
		mg/dl	43.9	37.3	50.5	3.30	6.60		
		mg/dl (BUN)	20.5	17.4	23.6	1.55	3.10		
		mmol/l	7.69	6.54	8.84	0.575	1.15	脲酶终点法	Urease, end point
		mg/dl	46.2	39.3	53.1	3.45	6.90		
		mg/dl (BUN)	21.5	18.3	24.7	1.60	3.20		
		mmol/l	7.87	6.69	9.05	0.590	1.18	脲酶动力学法	Urease, kinetic
		mg/dl	47.3	40.2	54.4	3.55	7.10		
		mg/dl (BUN)	22.0	18.7	25.3	1.65	3.30		
Uric Acid (Urate)	尿酸	mmol/l	0.329	0.286	0.372	0.022	0.043	Abbott Alinity 尿酸 2	Abbott Alinity Uric Acid 2
		mg/dl	5.53	4.81	6.25	0.360	0.720		
		mmol/l	0.332	0.289	0.375	0.022	0.043	Abbott Architect 尿酸 2	Abbott Architect Uric Acid 2
		mg/dl	5.58	4.85	6.31	0.365	0.730		
		mmol/l	0.328	0.285	0.371	0.022	0.043	Ortho Vitros MicroSlide Systems	Ortho Vitros MicroSlide Systems
		mg/dl	5.51	4.79	6.23	0.360	0.720		
		mmol/l	0.337	0.293	0.381	0.022	0.044	尿酸酶 293nm	Uricase @ 293 nm
		mg/dl	5.66	4.92	6.40	0.370	0.740		
		mmol/l	0.338	0.294	0.382	0.022	0.044	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	5.68	4.94	6.42	0.370	0.740		
		mmol/l	0.335	0.291	0.379	0.022	0.044	尿酸酶过氧化物酶比色法 (含抗坏血酸氧化酶)	Uricase Perox. with ascorb. ox
		mg/dl	5.63	4.90	6.36	0.365	0.730		
Vitamin B12	维生素 B12	pmol/l	558	446	670	56.0	112	Roche Cobas e402/e801	Roche Cobas e402/e801
		pg/ml	756	605	907	75.5	151		
Zinc	锌	μmol/l	23.0	18.4	27.6	2.30	4.60	比色法 (未去蛋白)	Colorimetric without deprot.
		μg/dl	150	120	180	15.0	30.0		