

REF eQCU-1111 6x5mL	EXP 2026-10-23	LOT 2311A1111	更新日期: 2023-11 1 / 5
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本报告含以下项目的示范实验室数据

参数 (Parameters)	参数 (Parameters)	参数 (Parameters)
(Alb)白蛋白	(ALP)碱性磷酸酶	(ALT/ SGPT)丙氨酸氨基转移酶
(AMY)淀粉酶	(AST/ SGOT)天门冬氨酸氨基转移酶	(Ca)钙
(CHE)胆碱酯酶	(CHOL/ TC)总胆固醇	(CK)肌酸激酶
(Cl)氯	(CO2 (HCO3-))二氧化碳 (碳酸氢根)	(Cr)肌酐
(Cu)铜	(DBIL)直接胆红素	(Fe)铁
(FT4)游离T4	(GGT)L-γ-谷氨酰基转移酶	(GLDH)谷氨酸脱氢酶
(GLU)葡萄糖	(HDL-C)高密度脂蛋白胆固醇	(K)钾
(LA)乳酸	(LDH)乳酸脱氢酶	(LDL-C)低密度脂蛋白胆固醇
(Li)锂	(LIP)脂肪酶	(Mg)镁
(Na)钠	(Osm)摩尔渗透压浓度	(P)磷
(PAMY)胰淀粉酶	(PRO/ TP)(总) 蛋白	(PSA)前列腺特异性抗原
(TBA)总胆汁酸	(TBIL)总胆红素	(TG)甘油三酯
(TIBC)总铁结合力	(TSH)促甲状腺素	(TT3)总三碘甲状腺原氨酸
(TT4)总T4	(UA)尿酸	(UIBC)不饱和铁结合力
(Urea)尿素	(Zn)锌	

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项目\仪器\试剂方法	单位	均值	+ / - 2 SD
(Alb)白蛋白			
Beckman AU series Beckman Coulter \ Bromocresol green	g/L	38.6	30.9-46.3
Mindray BS series Mindray \ Bromocresol green	g/L	41.9	33.6-50.2
Roche cobas c 501/502/701/702 Roche \ Bromocresol green	g/L	42.1	33.5-50.7
(ALP)碱性磷酸酶			
Beckman AU series Beckman Coulter \ Rate -AMP buffer	U/L	166	133-199
Mindray BS series Mindray \ Rate -AMP buffer	U/L	149	119-179
Roche cobas c 501/502/701/702 Roche \ Rate -AMP buffer	U/L	126	101-151
Abbott Alinity ci-series Abbott \ Rate -AMP buffer	U/L	144	122-166
(ALT/ SGPT)丙氨酸氨基转移酶			
Beckman AU series Beckman Coulter \ UV without P5P	U/L	40.3	32.1-48.5
Mindray BS series Mindray \ UV without P5P	U/L	38.9	31.1-46.7
Roche cobas c 501/502/701/702 Roche \ UV without P5P	U/L	36.5	29.1-43.9
Abbott Alinity ci-series Abbott \ UV without P5P	U/L	37.6	30.2-45
(AMY)淀粉酶			
Beckman AU series Beckman Coulter \ Iodine colorimetry	U/L	86.5	68.9-104
Roche cobas c 501/502/701/702 Roche \ Iodine colorimetry	U/L	84.3	67.5-101
Abbott Alinity ci-series Abbott \ PNP-G7	U/L	103	88-118
(AST/ SGOT)天门冬氨酸氨基转移酶			
Beckman AU series Beckman Coulter \ UV without P5P	U/L	36.3	29.1-43.5
Mindray BS series Mindray \ UV without P5P	U/L	35.2	28.2-42.2
Roche cobas c 501/502/701/702 Roche \ UV without P5P	U/L	35.1	28.5-41.7
Abbott Alinity ci-series Abbott \ UV without P5P	U/L	32.6	26-39.2
(Ca)钙			
Beckman AU series Beckman Coulter \ Arsenazo III	mmol/L	2.22	1.77-2.67
Mindray BS series Mindray \ Arsenazo III	mmol/L	2.3	1.84-2.76
Roche cobas c 501/502/701/702 Roche \ Arsenazo III	mmol/L	2.18	1.74-2.62
Abbott Alinity ci-series Abbott \ Arsenazo III	mmol/L	2.21	1.77-2.65
(CHE)胆碱酯酶			
Beckman AU series Beckman Coulter \ Butyrylthiocholine Method	U/L	5350	4270-6420
Mindray BS series Mindray \ Butyrylthiocholine Method	U/L	5540	4450-6620
Roche cobas c 501/502/701/702 Roche \ Butyrylthiocholine Method	U/L	5420	4330-6500
Abbott Alinity ci-series Abbott \ Butyrylthiocholine Method	U/L	6580	5260-7890
(CHOL/ TC)总胆固醇			
Beckman AU series Beckman Coulter \ Cholesterol oxidase	mmol/L	4.05	3.23-4.87
Mindray BS series Mindray \ Cholesterol oxidase	mmol/L	4.02	3.22-4.82
Roche cobas c 501/502/701/702 Roche \ Cholesterol oxidase	mmol/L	3.88	3.1-4.66
Abbott Alinity ci-series Abbott \ Cholesterol oxidase	mmol/L	3.96	3.18-4.74
(CK)肌酸激酶			
Beckman AU series Beckman Coulter \ Urease-UV-rate	U/L	198	156-240
Mindray BS series Mindray \ Urease-UV-rate	U/L	199	158-240
Roche cobas c 501/502/701/702 Roche \ Urease-UV-rate	U/L	192	154-230
Abbott Alinity ci-series Abbott \ DGKC	U/L	198	158-238
(Cl)氯			
Beckman AU series Beckman Coulter \ ISE (direct)	mmol/L	96.3	76.5-116

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Roche cobas c 501/502/701/702 Roche \ ISE (direct)	mmol/L	95.2	76-114
Abbott Alinity ci-series Abbott \ ISE (indirect)	mmol/L	99.6	79.7-120
(CO2 (HCO3-))二氧化碳 (碳酸氢根)			
Beckman AU series Beckman Coulter \ PEPC	mmol/L	14.4	11.5-17.3
Mindray BS series Mindray \ PEPC	mmol/L	14.2	11.4-17
Roche cobas c 501/502/701/702 Roche \ PEPC	mmol/L	13.3	10.6-16
Abbott Alinity ci-series Abbott \ PEPC	mmol/L	13.9	11-16.8
(Cr)肌酐			
Beckman AU series Beckman Coulter \ Enzymatic	μmol/L	132	106-158
Mindray BS series Mindray \ Enzymatic	μmol/L	130	104-156
Roche cobas c 501/502/701/702 Roche \ Enzymatic	μmol/L	131	105-157
Abbott Alinity ci-series Abbott \ Picric acid-Blank Compensation	μmol/L	133	106-160
(Cu)铜			
Abbott Alinity ci-series Abbott \ Colorimetry	μmol/L	13.4	10.7-16.1
(DBIL)直接胆红素			
Beckman AU series Beckman Coulter \ Diazotization	μmol/L	18.2	14.5-21.9
Mindray BS series Mindray \ Diazotization	μmol/L	18.1	14.5-21.7
Roche cobas c 501/502/701/702 Roche \ Diazotization	μmol/L	17.8	14.2-21.4
Abbott Alinity ci-series Abbott \ Diazotization	μmol/L	19.6	15.5-23.7
(Fe)铁			
Beckman AU series Beckman Coulter \ Ferrozine colorimetry	μmol/L	19.7	15.8-23.6
Mindray BS series Mindray \ Ferrozine colorimetry	μmol/L	19.4	15.5-23.3
Roche cobas c 501/502/701/702 Roche \ Ferrozine colorimetry	μmol/L	19.5	15.6-23.4
(FT4)游离T4			
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	pmol/L	22.6	18.2-27
Abbott Alinity ci-series Abbott \ Chemiluminescence Immunoassay (CLIA)	pmol/L	17.2	13.8-20.6
(GGT)L-γ-谷氨酰基转移酶			
Beckman AU series Beckman Coulter \ γ-glutamyl -4-nitroaniline	U/L	48.3	38.7-57.9
Mindray BS series Mindray \ γ-glutamyl -4-nitroaniline	U/L	51.6	41.4-61.8
Roche cobas c 501/502/701/702 Roche \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	49.7	39.9-59.5
Abbott Alinity ci-series Abbott \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	48.6	39-58.2
(GLDH)谷氨酸脱氢酶			
Beckman AU series Beckman Coulter \ DGKC	U/L	19.3	15.5-23.1
(GLU)葡萄糖			
Beckman AU series Beckman Coulter \ Dehydrogenase	mmol/L	6.08	4.86-7.3
Mindray BS series Mindray \ Glucose oxidase (GOD)	mmol/L	6.11	4.89-7.33
Roche cobas c 501/502/701/702 Roche \ Dehydrogenase	mmol/L	6.03	4.82-7.24
Abbott Alinity ci-series Abbott \ Hexokinase	mmol/L	5.89	4.71-7.07
(HDL-C)高密度脂蛋白胆固醇			
Beckman AU series Beckman Coulter \ Direct Measure	mmol/L	1.44	1.15-1.73
Mindray BS series Mindray \ Direct Measure	mmol/L	1.34	1.18-1.5
Roche cobas c 501/502/701/702 Roche \ Direct Measure	mmol/L	1.58	1.26-1.9
Abbott Alinity ci-series Abbott \ Direct Measure	mmol/L	1.54	1.23-1.85
(K)钾			
Beckman AU series Beckman Coulter \ ISE (direct)	mmol/L	3.98	3.18-4.78
Roche cobas c 501/502/701/702 Roche \ ISE (direct)	mmol/L	4.05	3.24-4.86
Mindray BS series Mindray \ ISE (direct)	mmol/L	4.13	4.06-4.2

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(LA)乳酸				
Beckman AU series Beckman Coulter \ Lactate to pyruvate (L-P)	mmol/L	1.45		1.17-1.73
Mindray BS series Mindray \ Lactate to pyruvate (L-P)	mmol/L	1.47		1.18-1.76
Roche cobas c 501/502/701/702 Roche \ Lactate to pyruvate (L-P)	mmol/L	1.55		1.24-1.86
(LDH)乳酸脱氢酶				
Beckman AU series Beckman Coulter \ Lactate to pyruvate (L-P)	U/L	206		164-248
Mindray BS series Mindray \ Lactate to pyruvate (L-P)	U/L	230		140-320
Roche cobas c 501/502/701/702 Roche \ Lactate to pyruvate (L-P)	U/L	224		182-266
(LDL-C)低密度脂蛋白胆固醇				
Roche cobas c 501/502/701/702 Roche \ Direct Measure	mmol/L	2.18		1.72-2.64
(Li)锂				
Beckman AU series Beckman Coulter \ Colorimetry	mmol/L	1.02		0.816-1.22
Roche cobas c 501/502/701/702 Roche \ Colorimetry	mmol/L	1.02		0.816-1.22
(LIP)脂肪酶				
Beckman AU series Beckman Coulter \ Colorimetry	U/L	31.3		25.1-37.5
Roche cobas c 501/502/701/702 Roche \ Colorimetry	U/L	27.6		22-33.2
(Mg)镁				
Beckman AU series Beckman Coulter \ Xylidyl Blue	mmol/L	0.91		0.728-1.09
Mindray BS series Mindray \ Xylidyl Blue	mmol/L	0.92		0.736-1.1
Roche cobas c 501/502/701/702 Roche \ Xylidyl Blue	mmol/L	0.91		0.728-1.09
(Na)钠				
Beckman AU series Beckman Coulter \ ISE (indirect)	mmol/L	142		114-170
Roche cobas c 501/502/701/702 Roche \ ISE (indirect)	mmol/L	142		114-170
Abbott Alinity ci-series Abbott \ ISE (indirect)	mmol/L	141		113-169
(Osm)摩尔渗透压浓度				
Beckman AU series Beckman Coulter \ Calculate	mOSM/kg	292		234-350
Roche cobas c 501/502/701/702 Roche \ Calculate	mOSM/kg	293		234-352
(P)磷				
Beckman AU series Beckman Coulter \ Phosphomolybdate UV-rate	mmol/L	1.41		1.13-1.69
Mindray BS series Mindray \ Phosphomolybdate UV-rate	mmol/L	1.45		1.25-1.65
Roche cobas c 501/502/701/702 Roche \ Phosphomolybdate UV-rate	mmol/L	1.44		1.15-1.73
(PAMY)胰淀粉酶				
Beckman AU series Beckman Coulter \ Enzymatic	U/L	62.5		49.9-75.1
Roche cobas c 501/502/701/702 Roche \ Enzymatic	U/L	64.9		51.5-78.3
Abbott Alinity ci-series Abbott \ Enzymatic	U/L	66.5		56.5-76.5
(PRO/ TP)(总) 蛋白				
Beckman AU series Beckman Coulter \ Biuret-endpoint	g/L	58.3		46.6-70
Mindray BS series Mindray \ Biuret-endpoint	g/L	58.4		46.7-70.1
Roche cobas c 501/502/701/702 Roche \ Biuret-endpoint	g/L	57.6		46.1-69.1
Abbott Alinity ci-series Abbott \ Biuret-rate	g/L	58.7		47-70.4
(PSA)前列腺特异性抗原				
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	15.5		12.4-18.6
Abbott Alinity ci-series Abbott \ Chemiluminescence Immunoassay (CLIA)	ng/mL	12.1		9.68-14.5
(TBA)总胆汁酸				
Roche cobas c 501/502/701/702 Roche \ Enzymatic Cycling Assays Method	μmol/L	24.2		19.2-29.2
Abbott Alinity ci-series Abbott \ Enzymatic Cycling Assays Method	μmol/L	25.6		20.5-30.7

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(TBIL)总胆红素			
Beckman AU series Beckman Coulter \ Diazotization	μmol/L	30.4	24.3-36.5
Mindray BS series Mindray \ Diazotization	μmol/L	28.2	22.6-33.8
Roche cobas c 501/502/701/702 Roche \ Diazotization	μmol/L	27.5	21.9-33.1
Abbott Alinity ci-series Abbott \ Diazotization	μmol/L	27.3	21.6-33
(TG)甘油三酯			
Beckman AU series Beckman Coulter \ GPO-POD	mmol/L	1.12	0.896-1.34
Mindray BS series Mindray \ GPO-POD	mmol/L	1.05	0.83-1.27
Roche cobas c 501/502/701/702 Roche \ GPO-POD	mmol/L	1.13	0.902-1.36
Abbott Alinity ci-series Abbott \ GPO-POD	mmol/L	1.09	0.876-1.3
(TIBC)总铁结合力			
Beckman AU series Beckman Coulter \ Calculate	μmol/L	41.7	33.4-50
Mindray BS series Mindray \ Calculate	μmol/L	42.5	34-51
Roche cobas c 501/502/701/702 Roche \ Calculate	μmol/L	38.1	30.5-45.7
Abbott Alinity ci-series Abbott \ Calculate	μmol/L	37.6	30.1-45.1
(TSH)促甲状腺素			
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	mIU/L	1.36	1.09-1.63
Abbott Alinity ci-series Abbott \ Chemiluminescence Immunoassay (CLIA)	mIU/L	0.98	0.784-1.18
(TT3)总三碘甲状腺原氨酸			
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	1.48	1.18-1.78
(TT4)总T4			
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	nmol/L	90.9	72.7-109
(UA)尿酸			
Beckman AU series Beckman Coulter \ Uricase colorimetry	μmol/L	370	298-442
Mindray BS series Mindray \ Uricase colorimetry	μmol/L	350	280-420
Roche cobas c 501/502/701/702 Roche \ Uricase colorimetry	μmol/L	360	292-428
Abbott Alinity ci-series Abbott \ Uricase colorimetry	μmol/L	350	280-420
(UIBC)不饱和铁结合力			
Beckman AU series Beckman Coulter \ Ferrozine colorimetry	μmol/L	22.2	17.8-26.6
Roche cobas c 501/502/701/702 Roche \ Ferrozine colorimetry	μmol/L	18.2	14.6-21.8
Abbott Alinity ci-series Abbott \ Ferrozine colorimetry	μmol/L	17.8	14.2-21.4
(Urea)尿素			
Beckman AU series Beckman Coulter \ Urease colorimetry	mmol/L	7.32	5.83-8.81
Mindray BS series Mindray \ Urease colorimetry	mmol/L	6.96	5.55-8.37
Roche cobas c 501/502/701/702 Roche \ Urease colorimetry	mmol/L	7.08	5.67-8.49
Abbott Alinity ci-series Abbott \ Urease colorimetry	mmol/L	7.12	5.69-8.55
(Zn)锌			
Beckman AU series Beckman Coulter \ Colorimetry	μmol/L	22.7	18.2-27.2
Roche cobas c 501/502/701/702 Roche \ Colorimetry	μmol/L	21.7	17.4-26
Abbott Alinity ci-series Abbott \ Colorimetry	μmol/L	24.4	19.5-29.3

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