报告类别： **示范实验室数据报告**

质控品名： **生化与激素非定值质控品**

REF	581-1	6×5mL	EXP	2022-04-10	LOT	376B7A1	更新日期：	2019-06

		批号：376B7A1	
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	44.7	34.1-55.3
Beckman UniCel DxC 600/800 Beckman Coulter \ Bromocresol purple	g/L	43.7	34.9-52.5
Roche cobas 4000/6000/8000 Roche \ Bromocresol green	g/L	46.4	35.3-57.5
(ALP)碱性磷酸酶			
Beckman AU series Beckman Coulter \ Rate -AMP buffer	U/L	86.1	69.5-102.7
Beckman UniCel DxC 600/800 Beckman Coulter \ Rate -AMP buffer	U/L	96.3	76.9-115.7
Roche cobas 4000/6000/8000 Roche \ Rate -AMP buffer	U/L	77.4	62.0-92.8
(ALT/ SGPT)丙氨酸氨基转移酶			
Beckman AU series Beckman Coulter \ UV without P5P	U/L	44.1	35.3-52.9
Beckman UniCel DxC 600/800 Beckman Coulter \ UV without P5P	U/L	51.4	41.0-61.8
Roche cobas 4000/6000/8000 Roche \ UV with P5P	U/L	42.8	34.4-51.2
(AMY)淀粉酶			
Beckman AU series Beckman Coulter \ PNP-G7	U/L	99.5	81.1-117.9
Beckman UniCel DxC 600/800 Beckman Coulter \ CNP_G3	U/L	94.3	75.3-113.3
Roche cobas 4000/6000/8000 Roche \ PNP-G7	U/L	98.1	78.5-117.7
(Apo-A1)载脂蛋白A1			
Roche cobas 4000/6000/8000 SekiSui \ immunoturbidimetric	g/L	1.47	1.21-1.73
(Apo-B)载脂蛋白B			
Roche cobas 4000/6000/8000 SekiSui \ immunoturbidimetric	g/L	0.72	0.54-0.90
(AST/ SGOT)天门冬氨酸氨基转移酶			
Beckman AU series Beckman Coulter \ UV without P5P	U/L	41.1	32.9-49.3
Beckman UniCel DxC 600/800 Beckman Coulter \ UV without P5P	U/L	44.5	35.5-53.5
Roche cobas 4000/6000/8000 Roche \ UV with P5P	U/L	36.4	28.6-44.2
(Ca)钙			
Beckman AU series Beckman Coulter \ Arsenazo III	mmol/L	2.32	1.86-2.78
Beckman UniCel DxC 600/800 Beckman Coulter \ ISE (direct)	mmol/L	2.22	-2.38-6.82
Roche cobas 4000/6000/8000 Roche \ BAPTA	mmol/L	2.26	1.80-2.72
(CHE)胆碱酯酶			
Beckman UniCel DxC 600/800 Beckman Coulter \ Butyrylthiocholine Method	U/L	7822	6,258-9,386
(CHOL/ TC)总胆固醇			
Beckman AU series Beckman Coulter \ Cholesterol oxidase	mmol/L	3.98	3.02-4.94
Beckman UniCel DxC 600/800 Beckman Coulter \ Cholesterol oxidase	mmol/L	3.81	3.01-4.61
Roche cobas 4000/6000/8000 Roche \ Cholesterol oxidase	mmol/L	3.81	2.90-4.72
(CK)肌酸激酶			
Beckman AU series Beckman Coulter \ Urease-UV-rate	U/L	107	89-125
Beckman UniCel DxC 600/800 Beckman Coulter \ Rate -AMP buffer	U/L	103	81-125
Roche cobas 4000/6000/8000 Roche \ Rate -AMP buffer	U/L	106	88-124
(CK-MB)肌酸激酶-MB			
Beckman AU series Beckman Coulter \ Immune suppression	U/L	18.1	14.5-21.7
Roche cobas 4000/6000/8000 Roche \ Immune suppression	U/L	19.5	15.7-23.3
(Cl)氯			
Beckman AU series Beckman Coulter \ ISE (direct)	mmol/L	109	87-131
Beckman UniCel DxC 600/800 Beckman Coulter \ ISE (direct)	mmol/L	114	92-136
Roche cobas 4000/6000/8000 Roche \ ISE (indirect)	mmol/L	112	90-134
(CRE)肌酐			
Beckman AU series Beckman Coulter \ Enzymatic	umol/L	77.6	63.1-92.1

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Beckman UniCel DxC 600/800 Beckman Coulter \ Picric acid-No blank Compensation	umol/L	79.9	63.9-95.9
Roche cobas 4000/6000/8000 Roche \ Enzymatic	umol/L	82.1	64.4-99.8
(CRP)C反应蛋白			
Beckman Immage 800 Beckman Coulter \ Immunoturbidimetry (ITA)	mg/L	6.41	5.07-7.75
Roche cobas E601/602 Roche \ Immunonephelometry (INA)	mg/L	9.09	6.91-11.27
(Cu)铜			
Roche Hitachi/Hitachi Systems Roche \ ICP-MS	umol/L	20.4	16.6-24.2
(DBIL)直接胆红素			
Beckman AU series Beckman Coulter \ Diazotization -Blank Compensation	umol/L	5.31	4.04-6.58
Roche cobas 4000/6000/8000 Roche \ Diazotization -Blank Compensation	umol/L	5.61	4.26-6.96
(Digoxin)地高辛			
Beckman Access Beckman Coulter \ Chemiluminescence Immunoassay (CLIA)	nmol/L	0.94	0.72-1.16
(E2)雌二醇			
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	pmol/L	107	81-133
(Fe)铁			
Beckman AU series Beckman Coulter \ Ferrozine colorimetry	umol/L	19.5	14.8-24.2
Roche cobas 4000/6000/8000 Roche \ Ferrozine colorimetry	umol/L	19.6	14.9-24.3
(FT3)游离T3			
Beckman UniCel DxI 600/800 Dedicated \ Chemiluminescence Immunoassay (CLIA)	pmol/L	3.31	2.52-4.10
(FT4)游离T4			
Beckman UniCel DxI 600/800 Dedicated \ Chemiluminescence Immunoassay (CLIA)	pmol/L	17.3	13.1-21.5
(GGT)γ-谷氨酰基转移酶			
Beckman AU series Beckman Coulter \ γ-glutamyl -4-nitroaniline	U/L	38.1	29.0-47.2
Roche cobas 4000/6000/8000 Roche \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	38.7	30.9-46.5
(GLDH)谷氨酸脱氢酶			
Beckman AU series Beckman Coulter \ Direct Measure	U/L	5.31	4.05-6.57
(GLU)葡萄糖			
Beckman AU series Beckman Coulter \ Hexokinase	mmol/L	4.11	3.29-4.93
Beckman UniCel DxC 600/800 Beckman Coulter \ Glucose oxidase (GOD)	mmol/L	4.09	3.27-4.91
Roche cobas E601/602 Roche \ Hexokinase	mmol/L	4.19	3.37-5.01
(HDL-C)高密度脂蛋白胆固醇			
Beckman AU series Beckman Coulter \ Enzymatic	mmol/L	0.91	0.69-1.13
Beckman UniCel DxC 600/800 Beckman Coulter \ Direct Measure	mmol/L	1.15	0.91-1.39
Roche cobas 4000/6000/8000 Roche \ Enzymatic	mmol/L	0.94	0.71-1.17
(IgA)免疫球蛋白 IgA			
Beckman Immage 800 Dedicated \ Immunoturbidimetry (ITA)	g/L	1.95	1.48-2.42
(IgG)免疫球蛋白 IgG			
Beckman Immage 800 Dedicated \ Immunoturbidimetry (ITA)	g/L	10.5	8.0-13.0
(IgM)免疫球蛋白 IgM			
Beckman Immage 800 Dedicated \ Immunoturbidimetry (ITA)	g/L	0.86	0.70-1.02
(K)钾			
Beckman AU series Beckman Coulter \ ISE (direct)	mmol/L	3.71	2.97-4.45
Beckman UniCel DxC 600/800 Beckman Coulter \ ISE (direct)	mmol/L	3.61	2.89-4.33
Roche cobas 4000/6000/8000 Roche \ ISE (indirect)	mmol/L	3.73	2.99-4.47

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(LA)乳酸			
Beckman AU series Beckman Coulter \ Lactate to pyruvate (L-P)	mmol/L	2.01	1.53-2.49
Roche cobas E601/602 Roche \ Lactate to pyruvate (L-P)	mmol/L	2.14	1.63-2.65
(LDH)乳酸脱氢酶			
Beckman AU series Beckman Coulter \ Lactate to pyruvate (L-P)	U/L	141	115-167
Roche cobas 4000/6000/8000 Roche \ Lactate to pyruvate (L-P)	U/L	141	115-167
(LDL-C)低密度脂蛋白胆固醇			
Beckman AU series Beckman Coulter \ Enzymatic	mmol/L	2.52	1.92-3.12
Beckman UniCel DxC 600/800 Beckman Coulter \ selected suppression	mmol/L	2.02	1.58-2.46
Roche cobas 4000/6000/8000 Roche \ Enzymatic	mmol/L	2.54	1.93-3.15
(Li)锂			
Beckman AU series Beckman Coulter \ ISE (indirect)	mmol/L	0.79	0.60-0.98
(LIP)脂肪酶			
Beckman AU series Beckman Coulter \ Glucose oxidase (GOD)	U/L	52.1	41.6-62.6
Roche cobas E601/602 Roche \ Enzymatic Cycling Assays Method	U/L	45.8	37.0-54.6
(Mg)镁			
Beckman AU series Beckman Coulter \ Xylidyl Blue	mmol/L	0.89	0.71-1.07
Beckman UniCel DxC 600/800 Beckman Coulter \ Atomic absorption spectroscopy (AAS)	mmol/L	0.872	0.692-1.052
Roche cobas 4000/6000/8000 Roche \ Xylidyl Blue	mmol/L	0.92	0.70-1.14
(Na)钠			
Beckman AU series Beckman Coulter \ ISE (direct)	mmol/L	140	112-168
Beckman UniCel DxC 600/800 Beckman Coulter \ ISE (direct)	mmol/L	140	112-168
Roche cobas 4000/6000/8000 Roche \ ISE (indirect)	mmol/L	143	115-171
(NEFA)游离脂肪酸			
Roche cobas E601/602 Roche \ ACS - ACOD	mmol/L	0.49	0.37-0.61
(P)磷			
Beckman AU series Beckman Coulter \ Phosphomolybdate UV-rate	mmol/L	1.02	0.78-1.26
Beckman UniCel DxC 600/800 Beckman Coulter \ Phosphomolybdate-UV-end point	mmol/L	1.11	0.87-1.35
Roche cobas 4000/6000/8000 Roche \ Phosphomolybdate UV-rate	mmol/L	1.02	0.78-1.26
(PRO/ TP)(总) 蛋白			
Beckman AU series Beckman Coulter \ Biuret-endpoint	g/L	67.4	53.2-81.6
Beckman UniCel DxC 600/800 Beckman Coulter \ Biuret-endpoint	g/L	68.5	54.7-82.3
Roche cobas E601/602 Roche \ Biuret-endpoint	g/L	69.2	54.6-83.8
(PROG)孕酮			
Roche cobas 4000/6000/8000 Dedicated \ Electro-Chemiluminescence Immunoassay (ECLIA)	nmol/L	1.29	0.98-1.60
(TBA)总胆汁酸			
Beckman UniCel DxC 600/800 Beckman Coulter \ Enzymatic Cycling Assays Method	umol/L	11.7	9.1-14.3
Roche cobas E601/602 Roche \ Enzymatic Cycling Assays Method	umol/L	13.5	10.3-16.7
(TBIL)总胆红素			
Beckman AU series Beckman Coulter \ Diazotization -Blank Compensation	umol/L	15.9	12.1-19.7
Roche cobas 4000/6000/8000 Roche \ Diazotization	umol/L	16.5	13.2-19.8
(TES)睾酮			
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	nmol/L	13.1	10.0-16.2

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(TG)甘油三酯			
Beckman AU series Beckman Coulter \ GPO-POD	mmol/L	1.11	0.84-1.38
Roche cobas 4000/6000/8000 Roche \ GPO-POD	mmol/L	1.17	0.89-1.45
(THEO)茶碱			
J&J Vitros Fusion 5,1 FS Johnson&Johnson \ Chemiluminescence Immunoassay (CLIA)	umol/L	80.1	60.9-99.3
(TRF)转铁蛋白			
Roche cobas E601/602 Roche \ Immunonephelometry (INA)	g/L	2.81	2.24-3.38
(TSH)促甲状腺素			
Beckman UniCel DxI 600/800 Dedicated \ Chemiluminescence Immunoassay (CLIA)	mIU/L	2.32	1.76-2.88
(TT3)总T3			
Beckman UniCel DxI 600/800 Dedicated \ Chemiluminescence Immunoassay (CLIA)	nmol/L	1.12	0.85-1.39
(TT4)总T4			
Beckman UniCel DxI 600/800 Dedicated \ Chemiluminescence Immunoassay (CLIA)	nmol/L	116	90-142
(UA)尿酸			
Beckman AU series Beckman Coulter \ Uricase colorimetry	umol/L	296	225-367
Beckman UniCel DxC 600/800 Beckman Coulter \ Uricase colorimetry	umol/L	299	239-359
Roche cobas 4000/6000/8000 Roche \ Uricase colorimetry	umol/L	293	223-363
(UIBC)不饱和铁结合力			
Beckman AU series Beckman Coulter \ Ferrozine colorimetry	umol/L	41.1	31.2-51.0
Roche cobas E601/602 Roche \ Ferrozine colorimetry	umol/L	30.2	23.0-37.4
(Urea)尿素			
Beckman AU series Beckman Coulter \ Urease-UV-rate	mmol/L	4.28	3.44-5.12
Beckman UniCel DxC 600/800 Beckman Coulter \ Urease electrode	mmol/L	4.31	3.45-5.17
Roche cobas 4000/6000/8000 Roche \ Urease colorimetry	mmol/L	4.22	3.38-5.06
(Zn)锌			
Roche Hitachi/Hitachi Systems Roche \ ICP-MS	umol/L	27.5	22.3-32.7
(β-hCG)人绒毛膜促性腺激素Beta亚基			
Roche cobas 4000/6000/8000 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	IU/L	0.11	0.08-0.14

注：此报告所提供的数据均基于检测相同批号质控品的若干实验室的数据汇总统计而来，仅供学习、参考之用。因所用技术、仪器和试剂的不同，或因制造商检测方法的改变，均可导致实验室实际测得的数据偏离此报告所提供的数据。根据良好实验室规范的要求，实验室须遵循相关技术规范确立自己的均值和可接受范围。