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	2024-04-25	LOT	376B869	更新日期：	2021-06

		批号：376B869	
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	43.9	35.3-52.5
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	37.2-55.6
(ALP)碱性磷酸酶			
Beckman AU series Beckman Coulter \ Rate -AMP buffer	U/L	88.4	71.8-105
Beckman UniCel DxC 600/800 Beckman Coulter \ Rate -AMP buffer	U/L	92.5	74.1-111
Roche cobas 4000/6000/8000 Roche \ Rate -AMP buffer	U/L	75.9	60.5-91.3
(ALT/ SGPT)丙氨酸氨基转移酶			
Beckman AU series Beckman Coulter \ UV without P5P	U/L	43.7	34.9-52.5
Beckman UniCel DxC 600/800 Beckman Coulter \ UV without P5P	U/L	52.9	42.5-63.3
Roche cobas 4000/6000/8000 Roche \ UV with P5P	U/L	43.2	34.8-51.6
(AMY)淀粉酶			
Beckman AU series Beckman Coulter \ PNP-G7	U/L	98.4	80-117
Beckman UniCel DxC 600/800 Beckman Coulter \ CNP_G3	U/L	92.6	73.6-112
Roche cobas 4000/6000/8000 Roche \ PNP-G7	U/L	97.3	77.7-117
(Apo-A Ⅰ)载脂蛋白A Ⅰ			
Roche cobas 4000/6000/8000 SekiSui \ immunoturbidimetric	g/L	1.52	1.2-1.84
(Apo-B)载脂蛋白B			
Roche cobas 4000/6000/8000 SekiSui \ immunoturbidimetric	g/L	0.83	0.65-1.01
(AST/ SGOT)天门冬氨酸氨基转移酶			
Beckman AU series Beckman Coulter \ UV without P5P	U/L	42.9	34.7-51.1
Beckman UniCel DxC 600/800 Beckman Coulter \ UV without P5P	U/L	44.8	35.8-53.8
Roche cobas 4000/6000/8000 Roche \ UV with P5P	U/L	37.3	29.5-45.1
(Ca)钙			
Beckman AU series Beckman Coulter \ Arsenazo III	mmol/L	2.33	1.87-2.79
Beckman UniCel DxC 600/800 Beckman Coulter \ ISE (direct)	mmol/L	2.26	0-6.86
Roche cobas 4000/6000/8000 Roche \ BAPTA	mmol/L	2.27	1.81-2.73
(CHE)胆碱酯酶			
Beckman UniCel DxC 600/800 Beckman Coulter \ Butyrylthiocholine Method	U/L	7680	6150-9200
(CHOL/ TC)总胆固醇			
Beckman AU series Beckman Coulter \ Cholesterol oxidase	mmol/L	3.97	3.21-4.73
Beckman UniCel DxC 600/800 Beckman Coulter \ Cholesterol oxidase	mmol/L	3.83	3.07-4.59
Roche cobas 4000/6000/8000 Roche \ Cholesterol oxidase	mmol/L	3.89	3.11-4.67
(CK)肌酸激酶			
Beckman AU series Beckman Coulter \ Urease-UV-rate	U/L	106	88-124
Beckman UniCel DxC 600/800 Beckman Coulter \ Rate -AMP buffer	U/L	102	80-124
Roche cobas 4000/6000/8000 Roche \ Rate -AMP buffer	U/L	106	88-124
(CK-MB)肌酸激酶-MB (活性)			
Beckman AU series Beckman Coulter \ Immune suppression	U/L	17.4	13.8-21
Roche cobas 4000/6000/8000 Roche \ Immune suppression	U/L	18.5	14.7-22.3
(Cl)氯			
Beckman AU series Beckman Coulter \ ISE (direct)	mmol/L	111	89-133
Beckman UniCel DxC 600/800 Beckman Coulter \ ISE (direct)	mmol/L	112	90-134
Roche cobas 4000/6000/8000 Roche \ ISE (indirect)	mmol/L	113	91-135
(Cr)肌酐			
Beckman AU series Beckman Coulter \ Enzymatic	μmol/L	76.3	61.5-91.1

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Beckman UniCel DxC 600/800 Beckman Coulter \ Picric acid-No blank Compensation	μmol/L	78.2	62.2-94.2
Roche cobas 4000/6000/8000 Roche \ Enzymatic	μmol/L	84.6	68.2-101
(CRP)C反应蛋白			
Beckman Immage 800 Beckman Coulter \ Immunoturbidimetry (ITA)	mg/dL	0.638	0.532-0.744
Roche cobas E601/602 Roche \ Immunonephelometry (INA)	mg/dL	0.923	0.739-1.11
(Cu)铜			
Roche Hitachi/Hitachi Systems Roche \ ICP-MS	μmol/L	19.6	15.8-23.4
(DBIL)直接胆红素			
Beckman AU series Beckman Coulter \ Diazotization -Blank Compensation	μmol/L	5.28	4.24-6.32
Roche cobas 4000/6000/8000 Roche \ Diazotization -Blank Compensation	μmol/L	5.54	4.48-6.6
(DGXN)地高辛			
Beckman Access Beckman Coulter \ Chemiluminescence Immunoassay (CLIA)	ng/mL	0.734	0.562-0.906
(E2)雌二醇			
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	pmol/L	113	87.3-139
(Fe)铁			
Beckman AU series Beckman Coulter \ Ferrozine colorimetry	μmol/L	19.5	15.7-23.3
Roche cobas 4000/6000/8000 Roche \ Ferrozine colorimetry	μmol/L	19.7	15.9-23.5
(FT3)游离T3			
Beckman UniCel DxI 600/800 Dedicated \ Chemiluminescence Immunoassay (CLIA)	pmol/L	3.37	2.61-4.13
(FT4)游离T4			
Beckman UniCel DxI 600/800 Dedicated \ Chemiluminescence Immunoassay (CLIA)	pmol/L	17.3	14.1-20.5
(GGT)L-γ-谷氨酰基转移酶			
Beckman AU series Beckman Coulter \ γ-glutamyl -4-nitroaniline	U/L	37.5	28.4-46.6
Roche cobas 4000/6000/8000 Roche \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	35.6	27.8-43.4
(GLDH)谷氨酸脱氢酶			
Beckman AU series Beckman Coulter \ Direct Measure	U/L	5.28	4.02-6.54
(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	4.17	3.35-4.99
Roche cobas E601/602 Roche \ Hexokinase	mmol/L	4.23	3.41-5.05
(HCY)同型半胱氨酸			
Beckman AU series Beckman Coulter \ Enzymatic Cycling Assays Method	μmol/L	12.5	9.9-15.1
Mindray BS series Mindray \ Enzyme linked immunosorbent assays (ELISA)	μmol/L	12.7	10.1-15.3
Roche Hitachi/Hitachi Systems Roche \ Enzymatic Cycling Assays Method	μmol/L	15.3	12.1-18.5
Siemens ADVIA Centaur CP Siemens \ Enzymatic Cycling Assays Method	μmol/L	14.6	11.6-17.6
(HDL-C)高密度脂蛋白胆固醇			
Beckman AU series Beckman Coulter \ Enzymatic	mmol/L	0.87	0.69-1.05
Beckman UniCel DxC 600/800 Beckman Coulter \ Direct Measure	mmol/L	1.19	0.95-1.43
Roche cobas 4000/6000/8000 Roche \ Enzymatic	mmol/L	0.96	0.78-1.14
(IgA)免疫球蛋白 IgA			
Beckman Immage 800 Dedicated \ Immunoturbidimetry (ITA)	g/L	1.93	1.55-2.31
(IgG)免疫球蛋白 IgG			
Beckman Immage 800 Dedicated \ Immunoturbidimetry (ITA)	g/L	10.5	7.98-13

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(IgM)免疫球蛋白 IgM			
Beckman Immage 800 Dedicated \ Immunoturbidimetry (ITA)	g/L	0.89	0.73-1.05
(K)钾			
Beckman AU series Beckman Coulter \ ISE (direct)	mmol/L	3.69	2.95-4.43
Beckman UniCel DxC 600/800 Beckman Coulter \ ISE (direct)	mmol/L	3.63	2.91-4.35
Roche cobas 4000/6000/8000 Roche \ ISE (indirect)	mmol/L	3.72	2.98-4.46
(LA)乳酸			
Beckman AU series Beckman Coulter \ Lactate to pyruvate (L-P)	mmol/L	1.94	1.56-2.32
Roche cobas E601/602 Roche \ Lactate to pyruvate (L-P)	mmol/L	2.21	1.79-2.63
(LDH)乳酸脱氢酶			
Beckman AU series Beckman Coulter \ Lactate to pyruvate (L-P)	U/L	138	112-164
Roche cobas 4000/6000/8000 Roche \ Lactate to pyruvate (L-P)	U/L	136	110-162
(LDL-C)低密度脂蛋白胆固醇			
Beckman AU series Beckman Coulter \ Enzymatic	mmol/L	2.64	2.08-3.2
Beckman UniCel DxC 600/800 Beckman Coulter \ selected suppression	mmol/L	2.13	1.69-2.57
Roche cobas 4000/6000/8000 Roche \ Enzymatic	mmol/L	2.46	1.85-3.07
(Li)锂			
Beckman AU series Beckman Coulter \ ISE (indirect)	mmol/L	0.82	0.63-1.01
(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	43.9	35.1-52.7
(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	0.84	0.66-1.02
Roche cobas 4000/6000/8000 Roche \ Xylidyl Blue	mmol/L	0.93	0.75-1.11
(Na)钠			
Beckman AU series Beckman Coulter \ ISE (direct)	mmol/L	139	111-167
Beckman UniCel DxC 600/800 Beckman Coulter \ ISE (direct)	mmol/L	139	111-167
Roche cobas 4000/6000/8000 Roche \ ISE (indirect)	mmol/L	141	113-169
(NEFA)游离脂肪酸			
Roche cobas E601/602 Roche \ ACS - ACOD	mmol/L	0.53	0.41-0.65
(P)磷			
Beckman AU series Beckman Coulter \ Phosphomolybdate UV-rate	mmol/L	1.05	0.81-1.29
Beckman UniCel DxC 600/800 Beckman Coulter \ Phosphomolybdate-UV-end point	mmol/L	1.09	0.85-1.33
Roche cobas 4000/6000/8000 Roche \ Phosphomolybdate UV-rate	mmol/L	1.08	0.84-1.32
(PAMY)胰淀粉酶			
Siemens ADVIA Chemistry XPT Siemens \ Enzymatic	U/L	45.9	36.3-55.5
(PRO/ TP)(总) 蛋白			
Beckman AU series Beckman Coulter \ Biuret-endpoint	g/L	66.3	52.1-80.5
Beckman UniCel DxC 600/800 Beckman Coulter \ Biuret-endpoint	g/L	63.6	51-76.2
Roche cobas E601/602 Roche \ Biuret-endpoint	g/L	67.3	53.9-80.7
(PROG)孕酮			
Roche cobas 4000/6000/8000 Dedicated \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	0.415	0.317-0.513
(TBA)总胆汁酸			
Beckman UniCel DxC 600/800 Beckman Coulter \ Enzymatic Cycling Assays Method	μmol/L	11.6	9-14.2

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Roche cobas E601/602 Roche \ Enzymatic Cycling Assays Method	μmol/L	12.5	9.26-15.7
(TBIL)总胆红素			
Beckman AU series Beckman Coulter \ Diazotization -Blank Compensation	μmol/L	16.2	13-19.4
Roche cobas 4000/6000/8000 Roche \ Diazotization	μmol/L	16.9	13.6-20.2
(TES)睾酮			
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	3.72	3.03-4.41
(TG)甘油三酯			
Beckman AU series Beckman Coulter \ GPO-POD	mmol/L	1.12	0.9-1.34
Roche cobas 4000/6000/8000 Roche \ GPO-POD	mmol/L	1.13	0.849-1.41
(THEO)茶碱			
J&J Vitros Fusion 5,1 FS Johnson&Johnson \ Chemiluminescence Immunoassay (CLIA)	μg/mL	14.2	10.7-17.7
(TRF)转铁蛋白			
Roche cobas E601/602 Roche \ Immunonephelometry (INA)	mg/dL	285	229-341
(TSH)促甲状腺素			
Beckman UniCel DxI 600/800 Dedicated \ Chemiluminescence Immunoassay (CLIA)	mIU/L	2.43	1.99-2.87
(TT3)总三碘甲状原氨酸			
Beckman UniCel DxI 600/800 Dedicated \ Chemiluminescence Immunoassay (CLIA)	nmol/L	1.16	0.94-1.38
(TT4)总T4			
Beckman UniCel DxI 600/800 Dedicated \ Chemiluminescence Immunoassay (CLIA)	nmol/L	109	87-131
(UA)尿酸			
Beckman AU series Beckman Coulter \ Uricase colorimetry	μmol/L	303	232-374
Beckman UniCel DxC 600/800 Beckman Coulter \ Uricase colorimetry	μmol/L	302	242-362
Roche cobas 4000/6000/8000 Roche \ Uricase colorimetry	μmol/L	298	228-368
(UIBC)不饱和铁结合力			
Beckman AU series Beckman Coulter \ Ferrozine colorimetry	μmol/L	43.6	33.7-53.5
Roche cobas E601/602 Roche \ Ferrozine colorimetry	μmol/L	32.9	25.7-40.1
(Urea)尿素			
Beckman AU series Beckman Coulter \ Urease-UV-rate	mmol/L	4.32	3.48-5.16
Beckman UniCel DxC 600/800 Beckman Coulter \ Urease electrode	mmol/L	4.29	3.43-5.15
Roche cobas 4000/6000/8000 Roche \ Urease colorimetry	mmol/L	4.28	3.44-5.12
(Zn)锌			
Roche Hitachi/Hitachi Systems Roche \ ICP-MS	μmol/L	26.4	21.2-31.6
(β-hCG)人绒毛膜促性腺激素β亚基			
Roche cobas 4000/6000/8000 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	IU/L	0.11	0-0.29

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