

REF	581-2	6×5mL	EXP	2025-10-06	LOT	376DFE3	更新日期：	2024-04
1 / 9								

		批号：376DFE3			
项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
(Alb)白蛋白					
Mindray BS series chongqiong zybio \ Bromocresol green	g/L	44.7	2.3%	9	418
Beckman AU series BIOSINO \ Bromocresol green	g/L	45.6	1.2%	9	412
Beckman AU series Beckman Coulter \ Bromocresol green	g/L	44.7	3.1%	<5	132
Roche Hitachi/Hitachi Systems MAKER \ Bromocresol green	g/L	46.5	2.1%	20	858
Roche Hitachi/Hitachi Systems LEADMAN \ Bromocresol green	g/L	46.5	0.8%	<5	<100
Mindray BS series Dedicated \ Bromocresol green	g/L	43.8	1.9%	14	464
Beckman AU series OTHER \ Bromocresol green	g/L	45.2	1.9%	13	1234
Ortho Vitros 3600/5600 Ortho \ dry chemistry	g/L	47.7	0.6%	<5	<100
Roche cobas 4000/6000/8000 Roche \ Bromocresol green	g/L	49	11.9%	<5	100
(ALP)碱性磷酸酶					
Beckman AU series MAKER \ Rate -AMP buffer	U/L	510	3%	9	422
Mindray BS series Elikan \ Rate -other buffers	U/L	487	3.5%	6	274
Mindray BS series chongqiong zybio \ Rate -other buffers	U/L	481	3.1%	<5	144
Beckman AU series Beckman Coulter \ Rate -AMP buffer	U/L	501	1.3%	<5	136
Roche Hitachi/Hitachi Systems MAKER \ Rate -AMP buffer	U/L	477	5.9%	20	870
Roche Hitachi/Hitachi Systems LEADMAN \ Rate -AMP buffer	U/L	536	3%	<5	<100
Mindray BS series Dedicated \ Rate -AMP buffer	U/L	498	2%	14	476
Beckman AU series OTHER \ Rate -AMP buffer	U/L	492	2.2%	13	1038
Roche cobas 4000/6000/8000 Roche \ Rate -AMP buffer	U/L	440	11.9%	<5	<100
(ALT/ SGPT)丙氨酸氨基转移酶					
Beckman AU series BIOSINO \ UV-rate without P5P	U/L	174	3.1%	9	450
Mindray BS series Elikan \ UV-rate without P5P	U/L	185	3.9%	6	270
Roche Hitachi/Hitachi Systems MAKER \ OTHER	U/L	178	3%	5	232
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	U/L	165	2.2%	44	2426
Mindray BS series chongqiong zybio \ UV-rate without P5P	U/L	175	1.1%	<5	146
Beckman AU series Beckman Coulter \ UV-rate without P5P	U/L	185	2.5%	<5	120
Roche Hitachi/Hitachi Systems MAKER \ UV-rate without P5P	U/L	177	5.1%	15	566
Mindray BS series Dedicated \ UV-rate without P5P	U/L	174	3.9%	13	372
Beckman AU series OTHER \ UV-rate without P5P	U/L	175	3.7%	13	1212
Ortho Vitros 3600/5600 Ortho \ dry chemistry	U/L	171	9.9%	<5	<100
Roche cobas 4000/6000/8000 Roche \ UV-rate with P5P	U/L	165	11.8%	<5	<100
(AMY)淀粉酶					
Mindray BS series Elikan \ OTHER	U/L	858	2.9%	9	416
Roche Hitachi/Hitachi Systems MAKER \ PNP-G7	U/L	880	3.3%	7	290
Beckman AU series MAKER \ PNP-G7	U/L	806	1.4%	5	128
Roche Hitachi/Hitachi Systems Wako \ CNP_G3	U/L	949	0.9%	<5	<100
Mindray BS series Dedicated \ PNP-G7	U/L	815	2.9%	14	556
Beckman AU series Elikan \ PNP-G7	U/L	827	1.7%	14	1270
Ortho Vitros 3600/5600 Ortho \ dry chemistry	U/L	412	0.4%	<5	<100
Roche cobas 4000/6000/8000 Roche \ PNP-G7	U/L	774	11.8%	<5	<100
Roche Hitachi/Hitachi Systems MAKER \ OTHER	U/L	825	0.9%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ PNP-G7	U/L	987	0.7%	<5	<100
(Apo-A I)载脂蛋白A I					
Beckman AU series KINGSBIO \ immunoturbidimetric	g/L	2.2	5.7%	9	442
Mindray BS series OTHER \ immunoturbidimetric	g/L	2.12	3.4%	9	416
Roche Hitachi/Hitachi Systems BIOBASE \ immunoturbidimetric	g/L	3.03	3.2%	<5	134

REF	581-2	6×5mL	EXP	2025-10-06	LOT	376DFE3	更新日期：	2024-04
2 / 9								

		批号：376DFE3			
项目\仪器\试剂方法	单位	均值 \ CV		Lab \ 点数	
Roche Hitachi/Hitachi Systems LEADMAN \ immunoturbidimetric	g/L	2.41	2.6%	15	728
Mindray BS series Dedicated \ immunoturbidimetric	g/L	2.29	4.7%	14	444
Roche cobas 4000/6000/8000 SekiSui \ immunoturbidimetric	g/L	1.72	11.9%	<5	<100
(Apo-B)载脂蛋白B					
Mindray BS series OTHER \ immunoturbidimetric	g/L	1.14	4.4%	9	416
Beckman AU series KINGSBIO \ immunoturbidimetric	g/L	0.942	6.5%	8	398
Roche Hitachi/Hitachi Systems LEADMAN \ immunoturbidimetric	g/L	0.982	2.9%	15	724
Mindray BS series Dedicated \ immunoturbidimetric	g/L	1.17	5%	13	486
Roche Hitachi/Hitachi Systems BIOBASE \ immunoturbidimetric	g/L	1	3.5%	11	530
Roche cobas 4000/6000/8000 SekiSui \ immunoturbidimetric	g/L	1.01	11.9%	<5	<100
(AST/ SGOT)天门冬氨酸氨基转移酶					
Beckman AU series BIOSINO \ UV-rate without P5P	U/L	239	2.6%	9	444
Mindray BS series Elikan \ UV-rate without P5P	U/L	237	4.1%	6	272
Roche Hitachi/Hitachi Systems MAKER \ OTHER	U/L	221	4.1%	5	222
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	U/L	229	3.9%	30	1444
Mindray BS series chongqiong zybio \ UV-rate without P5P	U/L	230	1.8%	<5	146
Beckman AU series Beckman Coulter \ UV-rate without P5P	U/L	249	5.3%	<5	120
Roche Hitachi/Hitachi Systems MAKER \ UV-rate without P5P	U/L	228	4.2%	15	592
Roche Hitachi/Hitachi Systems LEADMAN \ UV-rate with P5P	U/L	229	3.5%	14	912
Mindray BS series Dedicated \ UV-rate without P5P	U/L	237	4.4%	14	550
Beckman AU series OTHER \ UV-rate without P5P	U/L	238	5.4%	13	1250
Roche cobas 4000/6000/8000 Roche \ UV-rate with P5P	U/L	225	11.9%	<5	<100
Ortho Vitros 3600/5600 Ortho \ dry chemistry	U/L	258	4.2%	<5	<100
(Ca)钙					
Beckman AU series MAKER \ Arsenazo III	mmol/L	2.73	2%	7	310
Roche Hitachi/Hitachi Systems MAKER \ Arsenazo III	mmol/L	2.87	2.7%	5	238
Roche Hitachi/Hitachi Systems Health World \ Arsenazo III	mmol/L	2.78	1.6%	<5	112
Beckman AU series Beckman Coulter \ Arsenazo III	mmol/L	2.9	9.7%	<5	<100
Mindray BS series Dedicated \ Arsenazo III	mmol/L	2.83	3.8%	14	530
Beckman AU series OTHER \ Arsenazo III	mmol/L	2.78	1.8%	13	1098
Roche cobas 4000/6000/8000 Roche \ BAPTA	mmol/L	2.74	11.9%	<5	<100
Beckman AU series Beckman Coulter \ ISE (direct)	mmol/L	101	1.7%	<5	<100
Siemens ADVIA Centaur XP/XPT Siemens \ Arsenazo III	mmol/L	2.64	1.8%	<5	<100
Ortho Vitros 3600/5600 Ortho \ dry chemistry	mmol/L	2.76	0.2%	<5	<100
Roche Hitachi/Hitachi Systems Wako \ OTHER	mmol/L	2.8	1.3%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	mmol/L	2.8	1.8%	<5	<100
(CHOL/ TC)总胆固醇					
Beckman AU series LEADMAN \ Cholesterol oxidase	mmol/L	5.33	2.4%	9	442
Mindray BS series Elikan \ Cholesterol oxidase	mmol/L	5.21	2.1%	6	270
Roche Hitachi/Hitachi Systems MAKER \ Cholesterol oxidase	mmol/L	5.57	1.1%	<5	132
Mindray BS series OTHER \ Cholesterol oxidase	mmol/L	5.28	1.4%	<5	146
Roche Hitachi/Hitachi Systems LEADMAN \ Cholesterol oxidase	mmol/L	5.43	1.6%	20	1280
Mindray BS series Dedicated \ Cholesterol oxidase	mmol/L	5.2	2%	14	504
Beckman AU series OTHER \ Cholesterol oxidase	mmol/L	5.31	2.4%	14	1320
Roche Hitachi/Hitachi Systems MAKER \ OTHER	mmol/L	5.56	2.1%	11	566
Roche cobas 4000/6000/8000 Roche \ Cholesterol oxidase	mmol/L	5.26	11.9%	<5	<100
Beckman AU series Beckman Coulter \ Cholesterol oxidase	mmol/L	5.12	2.5%	<5	<100

REF	581-2	6×5mL	EXP	2025-10-06	LOT	376DFE3	更新日期：	2024-04
3 / 9								

		批号：376DFE3			
项目\仪器\试剂方法	单位	均值 \ CV		Lab \ 点数	
Ortho Vitros 3600/5600 Ortho \ dry chemistry	mmol/L	1.72	0.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ OTHER	mmol/L	5.54	1.6%	<5	<100
(CK)肌酸激酶					
Roche Hitachi/Hitachi Systems MAKER \ OTHER	U/L	645	3.2%	8	318
Mindray BS series Elkan \ Rate -other buffers	U/L	664	3.4%	6	268
Beckman AU series LEADMAN \ Rate -AMP buffer	U/L	641	1.7%	6	196
Mindray BS series chongqiong zybio \ Rate -other buffers	U/L	674	1.8%	<5	146
Beckman AU series OTHER \ Rate -other buffers	U/L	692	6.2%	<5	<100
Roche Hitachi/Hitachi Systems MAKER \ Rate -AMP buffer	U/L	645	8.3%	15	336
Mindray BS series Dedicated \ Rate -AMP buffer	U/L	635	5%	14	490
Ortho Vitros 3600/5600 Ortho \ dry chemistry	U/L	498	2.5%	<5	<100
Roche cobas 4000/6000/8000 Roche \ Rate -AMP buffer	U/L	658	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ Rate -AMP buffer	U/L	702	0.9%	<5	<100
(CK-MB mass)肌酸激酶-MB质量					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	21.4	12%	<5	<100
(CK-MB)肌酸激酶-MB (活性)					
Roche Hitachi/Hitachi Systems MAKER \ Immune suppression	U/L	45.1	4.2%	15	772
Mindray BS series Dedicated \ Immune suppression	U/L	50.8	8.3%	14	524
Roche cobas 4000/6000/8000 Roche \ Immune suppression	U/L	49.5	11.9%	<5	<100
(Cl)氯					
Roche Hitachi/Hitachi Systems Hitachi \ ISE (indirect)	mmol/L	118	1.2%	5	134
Beckman AU series Beckman Coulter \ ISE (indirect)	mmol/L	114	1.4%	23	1618
Roche Hitachi/Hitachi Systems Dedicated \ ISE (direct)	mmol/L	127	6.1%	<5	<100
Roche Hitachi/Hitachi Systems Wako \ ISE (indirect)	mmol/L	115	1%	15	724
Mindray BS series Dedicated \ OTHER	mmol/L	116	1.7%	14	516
Beckman AU series Beckman Coulter \ ISE (direct)	mmol/L	101	1.4%	<5	<100
Ortho Vitros 3600/5600 Ortho \ dry chemistry	mmol/L	119	1.5%	<5	<100
Roche cobas 4000/6000/8000 Roche \ ISE (indirect)	mmol/L	112	11.9%	<5	<100
Siemens ADVIA Centaur XP/XPT Siemens \ ISE (indirect)	mmol/L	117	3.7%	<5	<100
(CO2 (HCO3-))二氧化碳 (碳酸氢根)					
Roche Hitachi/Hitachi Systems MAKER \ PEPC	mmol/L	7.3	11.6%	5	206
Mindray BS series Dedicated \ PEPC	mmol/L	8.19	11.9%	14	520
Roche cobas c 501/502/701/702 Roche \ Colorimetry	mmol/L	9.8	11.9%	<5	<100
(Cr)肌酐					
Roche Hitachi/Hitachi Systems MAKER \ Enzymatic	μmol/L	493	2.1%	9	362
Beckman AU series MAKER \ Enzymatic	μmol/L	461	2.6%	8	340
Mindray BS series simes-sikma \ OTHER	μmol/L	474	1.9%	7	284
Mindray BS series MAKER \ Enzymatic	μmol/L	507	1.9%	<5	134
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	μmol/L	465	1.3%	29	1576
Roche Hitachi/Hitachi Systems LEADMAN \ Enzymatic	μmol/L	465	1.8%	15	720
Mindray BS series Dedicated \ Picric acid-Blank Compensation	μmol/L	467	2.3%	14	466
Beckman AU series OTHER \ Enzymatic	μmol/L	471	1.9%	14	1186
Roche Hitachi/Hitachi Systems MAKER \ OTHER	μmol/L	465	1.4%	11	542
Beckman AU series Beckman Coulter \ Enzymatic	μmol/L	424	0.7%	<5	<100
Roche cobas 4000/6000/8000 Roche \ Enzymatic	μmol/L	476	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ OTHER	μmol/L	464	1.1%	<5	<100

REF	581-2	6×5mL	EXP	2025-10-06	LOT	376DFE3	更新日期：	2024-04
4 / 9								

		批号：376DFE3			
项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
(CRP)C反应蛋白					
Beckman AU series DiaSys \ Immunoturbidimetry (ITA)	mg/dL	0.423	16.6%	<5	<100
Beckman Immage 800 Beckman Coulter \ Immunonephelometry (INA)	mg/dL	0.29	12%	<5	<100
(DBIL)直接胆红素					
Mindray BS series Elikan \ Vanadate	μmol/L	45.9	4.3%	9	420
Beckman AU series MAKER \ Vanadate	μmol/L	45.8	3.9%	9	408
Roche Hitachi/Hitachi Systems MAKER \ sodium nitrite oxidase method	μmol/L	48.2	2.8%	<5	130
Beckman AU series Beckman Coulter \ Diazotization -Blank Compensation	μmol/L	29.1	4.9%	<5	<100
Roche Hitachi/Hitachi Systems MAKER \ Vanadate	μmol/L	41.8	5.4%	16	742
Mindray BS series Dedicated \ Vanadate	μmol/L	42.6	3.7%	14	568
Beckman AU series OTHER \ Vanadate	μmol/L	44.6	2.7%	13	1096
Beckman AU series Beckman Coulter \ Diazotization	μmol/L	35.6	3%	<5	<100
OTHER BSBE \ OTHER	μmol/L	41.1	2.4%	<5	<100
Roche cobas 4000/6000/8000 Roche \ Diazotization -Blank Compensation	μmol/L	41.2	11.9%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ Vanadate	μmol/L	40.4	3.3%	<5	<100
(DGXN)地高辛					
Roche cobas e411 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	0.311	12%	<5	<100
(E2)雌二醇					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	pmol/L	235	12%	<5	<100
(FA)叶酸					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	6.16	12%	<5	<100
(Fe)铁					
Roche Hitachi/Hitachi Systems Wako \ Bathophenanthroline	μmol/L	33.8	1.5%	<5	124
Roche Hitachi/Hitachi Systems LEADMAN \ Ferrozine colorimetry	μmol/L	30.1	1.6%	15	734
Mindray BS series Dedicated \ OTHER	μmol/L	30.7	3.4%	14	512
Beckman AU series Beckman Coulter \ Ferrozine colorimetry	μmol/L	25.6	2%	<5	<100
Roche cobas 4000/6000/8000 Roche \ Ferrozine colorimetry	μmol/L	31	11.9%	<5	100
(FT3)游离T3					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	pmol/L	4.16	12%	<5	<100
(FT4)游离T4					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	pmol/L	17.2	12%	<5	<100
(GGT)L-γ-谷氨酰基转移酶					
Beckman AU series MAKER \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	201	2.2%	9	452
Mindray BS series Elikan \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	195	1.9%	6	276
Beckman AU series Beckman Coulter \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	189	6%	<5	160
Mindray BS series chongqiong zybio \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	195	4.3%	<5	146
Roche Hitachi/Hitachi Systems MAKER \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	202	2.5%	20	938
Roche Hitachi/Hitachi Systems LEADMAN \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	187	1.5%	<5	<100
Mindray BS series Dedicated \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	199	1.9%	14	554
Beckman AU series OTHER \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	196	1.4%	13	1248
Roche cobas 4000/6000/8000 Roche \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	196	11.9%	<5	<100
Ortho Vitros 3600/5600 Ortho \ dry chemistry	U/L	294	0.2%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	205	0.8%	<5	<100
(GLDH)谷氨酸脱氢酶					
Roche cobas 4000/6000/8000 DiaSys \ Colorimetry	U/L	8.65	12%	<5	<100
(GLU)葡萄糖					
Beckman AU series BJBJ \ Glucose oxidase (GOD)	mmol/L	14.6	2.1%	9	446

REF	581-2	6×5mL	EXP	2025-10-06	LOT	376DFE3	更新日期：	2024-04
5 / 9								

		批号：376DFE3			
项目\仪器\试剂方法	单位	均值 \ CV		Lab \ 点数	
Roche Hitachi/Hitachi Systems MAKER \ Hexokinase	mmol/L	14.3	4.5%	9	366
Mindray BS series Elikan \ Glucose oxidase (GOD)	mmol/L	14.7	2%	6	272
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	mmol/L	14.8	2.3%	30	1432
Mindray BS series OTHER \ Glucose oxidase (GOD)	mmol/L	14.1	1.2%	<5	146
Beckman AU series Beckman Coulter \ Hexokinase	mmol/L	15.2	1.8%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ Hexokinase	mmol/L	14.8	2.4%	16	936
Mindray BS series Dedicated \ Glucose oxidase (GOD)	mmol/L	14.1	3.6%	14	490
Beckman AU series OTHER \ Hexokinase	mmol/L	14.6	2.7%	13	1156
Roche Hitachi/Hitachi Systems MAKER \ Glucose oxidase (GOD)	mmol/L	14.4	1.9%	11	578
Roche cobas 4000/6000/8000 Roche \ Hexokinase	mmol/L	14.7	11.9%	<5	<100
OTHER BSBE \ Hexokinase	mmol/L	14.1	1.7%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ Glucose oxidase (GOD)	mmol/L	15	1.7%	<5	<100
(HDL-C)高密度脂蛋白胆固醇					
Beckman AU series LEADMAN \ selected suppression	mmol/L	1.16	4.4%	9	438
Mindray BS series OTHER \ selected suppression	mmol/L	1.46	3%	9	414
Roche Hitachi/Hitachi Systems LEADMAN \ selected suppression	mmol/L	1.32	4.5%	44	2292
Beckman AU series Elikan \ Direct Measure	mmol/L	1.3	2.5%	<5	182
Roche Hitachi/Hitachi Systems MAKER \ Direct Measure	mmol/L	1.25	5.4%	15	578
Mindray BS series Dedicated \ Direct Measure	mmol/L	1.21	4.1%	14	474
Beckman AU series OTHER \ Direct Measure	mmol/L	1.48	5.4%	11	868
Roche cobas 4000/6000/8000 Roche \ Enzymatic	mmol/L	1.04	11.9%	<5	<100
Beckman AU series Beckman Coulter \ Enzymatic	mmol/L	1.55	3.7%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ Direct Measure	mmol/L	1.26	2%	<5	<100
(IgA)免疫球蛋白 IgA					
Beckman Image 800 Beckman Coulter \ Immunoturbidimetry (ITA)	mg/dL	249	12%	<5	<100
(IgG)免疫球蛋白 IgG					
Beckman Image 800 Beckman Coulter \ Immunoturbidimetry (ITA)	mg/dL	1040	12%	<5	<100
(IgM)免疫球蛋白 IgM					
Beckman Image 800 Beckman Coulter \ Immunoturbidimetry (ITA)	mg/dL	110	12%	<5	<100
(K)钾					
Roche Hitachi/Hitachi Systems Hitachi \ ISE (indirect)	mmol/L	7.27	1.4%	<5	116
Roche Hitachi/Hitachi Systems Dedicated \ ISE (direct)	mmol/L	6.96	3.5%	<5	<100
Beckman AU series Beckman Coulter \ ISE (indirect)	mmol/L	7.05	1.9%	23	1656
Roche Hitachi/Hitachi Systems Wako \ ISE (indirect)	mmol/L	7.11	0.9%	15	720
Mindray BS series Dedicated \ OTHER	mmol/L	7.21	1.9%	14	520
Beckman AU series Beckman Coulter \ ISE (direct)	mmol/L	1.57	1.4%	<5	<100
Roche cobas 4000/6000/8000 Roche \ ISE (indirect)	mmol/L	7.1	11.9%	<5	<100
Ortho Vitros 3600/5600 Ortho \ dry chemistry	mmol/L	7.21	0.1%	<5	<100
Siemens ADVIA Centaur XP/XPT Siemens \ ISE (indirect)	mmol/L	6.94	1.1%	<5	<100
(LA)乳酸					
Roche cobas 4000/6000/8000 Roche \ Lactate to pyruvate (L-P)	mmol/L	7.15	12%	<5	<100
(LDH)乳酸脱氢酶					
Beckman AU series LEADMAN \ Lactate to pyruvate (L-P)	U/L	470	2%	9	420
Mindray BS series Elikan \ Lactate to pyruvate (L-P)	U/L	475	2.7%	6	274
Beckman AU series OTHER \ Lactate to pyruvate (L-P)	U/L	479	4.4%	<5	218
Mindray BS series chongqiong zybio \ Lactate to pyruvate (L-P)	U/L	483	1.7%	<5	146
Roche Hitachi/Hitachi Systems MAKER \ Lactate to pyruvate (L-P)	U/L	448	3.9%	20	850

REF	581-2	6×5mL	EXP	2025-10-06	LOT	376DFE3	更新日期：	2024-04
6 / 9								

		批号：376DFE3			
项目\仪器\试剂方法	单位	均值 \ CV		Lab \ 点数	
OTHER					
BSBE \ Lactate to pyruvate (L-P)	U/L	440	1.8%	<5	<100
Mindray BS series					
Dedicated \ Lactate to pyruvate (L-P)	U/L	480	2.3%	14	530
Beckman AU series					
Beckman Coulter \ Lactate to pyruvate (L-P)	U/L	455	0.3%	<5	<100
Ortho Vitros 3600/5600					
Ortho \ dry chemistry	U/L	485	0.2%	<5	<100
Roche cobas 4000/6000/8000					
Roche \ Lactate to pyruvate (L-P)	U/L	484	11.9%	<5	<100
Roche Hitachi/Hitachi Systems					
LEADMAN \ OTHER	U/L	475	0.8%	<5	<100
Roche Hitachi/Hitachi Systems					
BIOBASE \ Lactate to pyruvate (L-P)	U/L	445	1.7%	<5	<100
(LDL-C)低密度脂蛋白胆固醇					
Mindray BS series					
OTHER \ SUR	mmol/L	3.07	2.3%	9	420
Beckman AU series					
LEADMAN \ selected suppression	mmol/L	3.19	1.9%	9	414
Roche Hitachi/Hitachi Systems					
LEADMAN \ SUR	mmol/L	3.16	2.4%	44	2336
Roche Hitachi/Hitachi Systems					
MAKER \ Direct Measure	mmol/L	3.23	2.6%	15	658
Mindray BS series					
Dedicated \ Direct Measure	mmol/L	3.3	4%	14	528
Beckman AU series					
OTHER \ Direct Measure	mmol/L	3.47	2.6%	14	1188
Beckman AU series					
Beckman Coulter \ Enzymatic	mmol/L	3.23	1.3%	<5	<100
Roche cobas 4000/6000/8000					
Roche \ Enzymatic	mmol/L	3.25	11.9%	<5	<100
OTHER					
BSBE \ SUR	mmol/L	2.72	0.7%	<5	<100
Roche Hitachi/Hitachi Systems					
BIOBASE \ Direct Measure	mmol/L	3.28	2.1%	<5	<100
(LIP)脂肪酶					
Mindray BS series					
Autobio \ OTHER	U/L	89.1	4.3%	9	211
Roche Hitachi/Hitachi Systems					
BIOBASE \ OTHER	U/L	107	12.3%	9	171
Beckman AU series					
OTHER \ OTHER	U/L	104	5.3%	6	301
Beckman AU series					
Reebio \ OTHER	U/L	78.1	17.1%	5	145
Roche cobas 4000/6000/8000					
DiaSys \ Enzymatic Cycling Assays Method	U/L	115	12%	<5	<100
Mindray BS series					
OTHER \ OTHER	U/L	93.8	3%	<5	<100
(Mg)镁					
Beckman AU series					
Elikan \ Xylidyl Blue	mmol/L	1.28	4.6%	6	600
Roche Hitachi/Hitachi Systems					
MAKER \ Xylidyl Blue	mmol/L	1.27	7.9%	5	228
Roche Hitachi/Hitachi Systems					
Health World \ Arsenazo □	mmol/L	1.47	2.1%	<5	110
Mindray BS series					
Dedicated \ Xylidyl Blue	mmol/L	1.49	3%	14	538
Roche cobas 4000/6000/8000					
Roche \ Xylidyl Blue	mmol/L	1.41	11.9%	<5	<100
Beckman AU series					
Beckman Coulter \ Xylidyl Blue	mmol/L	1.47	2.9%	<5	<100
Roche Hitachi/Hitachi Systems					
Wako \ OTHER	mmol/L	1.46	1.1%	<5	<100
(Na)钠					
Roche Hitachi/Hitachi Systems					
Hitachi \ ISE (indirect)	mmol/L	158	1.2%	<5	126
Beckman AU series					
Beckman Coulter \ ISE (indirect)	mmol/L	153	1.3%	22	1804
Roche Hitachi/Hitachi Systems					
Dedicated \ ISE (indirect)	mmol/L	156	2.9%	<5	<100
Roche Hitachi/Hitachi Systems					
Wako \ ISE (indirect)	mmol/L	155	0.8%	15	720
Mindray BS series					
Dedicated \ OTHER	mmol/L	154	1.7%	14	508
Ortho Vitros 3600/5600					
Ortho \ dry chemistry	mmol/L	158	0.4%	<5	<100
Roche cobas 4000/6000/8000					
Roche \ ISE (indirect)	mmol/L	152	11.9%	<5	<100
Beckman AU series					
Beckman Coulter \ ISE (direct)	mmol/L	143	1%	<5	<100
Siemens ADVIA Centaur XP/XPT					
Siemens \ ISE (indirect)	mmol/L	152	1.1%	<5	<100
OTHER					
ABX \ ISE (indirect)	mmol/L	155	0%	<5	<100
(NEFA)游离脂肪酸					
Roche cobas 4000/6000/8000					
DiaSys \ ACS - ACOD	mmol/L	1.54	12%	<5	<100

质控品名： 生化与激素非定值质控品

REF	581-2	6×5mL	EXP	2025-10-06	LOT	376DFE3	更新日期：	2024-04
7 / 9								

		批号：376DFE3			
项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
(P)磷					
Beckman AU series LEADMAN \ Phosphomolybdate-UV-end point	mmol/L	2.82	2.4%	9	420
Roche Hitachi/Hitachi Systems MAKER \ Phosphomolybdate UV-rate	mmol/L	2.66	4.7%	5	236
Roche Hitachi/Hitachi Systems Wako \ Phosphomolybdate-UV-end point	mmol/L	2.84	1%	<5	128
Mindray BS series Dedicated \ Phosphomolybdate-UV-end point	mmol/L	2.81	3.4%	14	426
Beckman AU series Elikan \ Molybdenum blue colorimetry	mmol/L	2.73	2.5%	14	1266
Roche cobas 4000/6000/8000 Roche \ Phosphomolybdate UV-rate	mmol/L	2.76	11.9%	<5	<100
Beckman AU series Beckman Coulter \ Phosphomolybdate UV-rate	mmol/L	2.82	2.9%	<5	<100
Ortho Vitros 3600/5600 Ortho \ dry chemistry	mmol/L	2.92	2%	<5	<100
Siemens ADVIA Centaur XP/XPT Siemens \ Phosphomolybdate-UV-end point	mmol/L	2.72	4.2%	<5	<100
(PRO/ TP)(总) 蛋白					
Beckman AU series BIOSINO \ Biuret-endpoint	g/L	71.4	1.8%	9	426
Mindray BS series chongqiong zybio \ Biuret-endpoint	g/L	71.7	1.4%	9	422
Roche Hitachi/Hitachi Systems MAKER \ Biuret-endpoint	g/L	72.4	1.4%	<5	132
Beckman AU series Beckman Coulter \ Biuret-endpoint	g/L	69.7	1.2%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ Biuret-endpoint	g/L	72	1.1%	<5	<100
Roche Hitachi/Hitachi Systems MAKER \ Biuret-rate	g/L	74.9	3.5%	16	718
Mindray BS series Dedicated \ Biuret-rate	g/L	74.1	3.2%	13	328
Beckman AU series OTHER \ Biuret-endpoint	g/L	69.2	1.6%	13	1258
Mindray BS series Elikan \ Biuret-endpoint	g/L	71.8	0.6%	<5	<100
Roche cobas 4000/6000/8000 Roche \ Biuret-endpoint	g/L	71.9	11.9%	<5	<100
OTHER BSBE \ Biuret-endpoint	g/L	74.2	0%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ Biuret-rate	g/L	76.8	0.9%	<5	<100
(PROG)孕酮					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	2.31	12%	<5	<100
(TBA)总胆汁酸					
Roche Hitachi/Hitachi Systems MAKER \ Enzymatic Cycling Assays Method	μmol/L	72.4	5.4%	9	284
Beckman AU series BIOSINO \ Enzymatic Cycling Assays Method	μmol/L	66.5	4.5%	8	396
Beckman AU series OTHER \ Enzymatic Cycling Assays Method	μmol/L	60.9	4%	<5	322
Roche Hitachi/Hitachi Systems LEADMAN \ Enzymatic Cycling Assays Method	μmol/L	70.2	4.1%	15	766
Mindray BS series Dedicated \ Enzymatic Cycling Assays Method	μmol/L	54.8	5.4%	14	454
Beckman AU series Szybio \ Enzymatic Cycling Assays Method	μmol/L	64.7	5%	10	912
Roche cobas 4000/6000/8000 DiaSys \ Enzymatic Cycling Assays Method	μmol/L	63	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ Enzymatic Cycling Assays Method	μmol/L	71.2	3.2%	<5	<100
(TBIL)总胆红素					
Beckman AU series MAKER \ Vanadate	μmol/L	119	3%	9	452
Mindray BS series Elikan \ Vanadate	μmol/L	127	1.8%	6	276
Roche Hitachi/Hitachi Systems LEADMAN \ Vanadate	μmol/L	141	1.6%	44	2082
Roche Hitachi/Hitachi Systems MAKER \ sodium nitrite oxidase method	μmol/L	121	3.7%	<5	132
Mindray BS series chongqiong zybio \ Vanadate	μmol/L	124	1.7%	<5	144
Beckman AU series Beckman Coulter \ Diazotization -Blank Compensation	μmol/L	128	1.5%	<5	<100
Roche Hitachi/Hitachi Systems MAKER \ Vanadate	μmol/L	115	3.8%	15	628
Mindray BS series Dedicated \ Vanadate	μmol/L	115	2.6%	14	532
Beckman AU series OTHER \ Vanadate	μmol/L	122	2.7%	13	1280
Beckman AU series Beckman Coulter \ Diazotization	μmol/L	124	0.8%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	μmol/L	119	0.1%	<5	<100
Ortho Vitros 3600/5600 Ortho \ dry chemistry	μmol/L	134	2.1%	<5	<100

REF	581-2	6×5mL	EXP	2025-10-06	LOT	376DFE3	更新日期：	2024-04
8 / 9								

		批号：376DFE3			
项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
Roche cobas 4000/6000/8000 DiaSys \ Diazotization	μmol/L	113	11.9%	<5	<100
(TES)睾酮					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	1.7	12%	<5	<100
(TG)甘油三酯					
Beckman AU series LEADMAN \ GPO-POD	mmol/L	1.93	4.6%	9	318
Roche Hitachi/Hitachi Systems MAKER \ OTHER	mmol/L	2.38	4.3%	9	112
Mindray BS series Elikan \ GPO-POD	mmol/L	2.12	3.2%	6	276
Roche Hitachi/Hitachi Systems MAKER \ GPO-POD	mmol/L	2.21	1.3%	<5	132
Roche Hitachi/Hitachi Systems LEADMAN \ GPO-POD	mmol/L	1.9	2.2%	33	1524
Mindray BS series OTHER \ GPO-POD	mmol/L	2.06	1.9%	<5	146
Mindray BS series Dedicated \ GPO-POD	mmol/L	1.98	2.5%	14	460
Beckman AU series OTHER \ GPO-POD	mmol/L	2.2	2.5%	14	1282
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	mmol/L	1.92	1.2%	12	828
Roche cobas 4000/6000/8000 Roche \ Free glycerol removed	mmol/L	2.14	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ OTHER	mmol/L	2.44	1.5%	<5	<100
Beckman AU series Beckman Coulter \ GPO-POD	mmol/L	3.58	3.1%	<5	100
(TIBC)总铁结合力					
Roche cobas 4000/6000/8000 Roche \ Ferrozine colorimetry	μmol/L	61.4	12%	<5	<100
(TRF)转铁蛋白					
Roche Hitachi/Hitachi Systems LEADMAN \ Immunoturbidimetry (ITA)	mg/dL	345	4.2%	15	365
Roche cobas 4000/6000/8000 Roche \ Immunoturbidimetry (ITA)	mg/dL	290	12%	<5	<100
(TSH)促甲状腺素					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	mIU/L	1.88	12%	<5	<100
(TT3)总三碘甲状原氨酸					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	1.07	12%	<5	<100
(TT4)总T4					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	76.8	12%	<5	<100
(UA)尿酸					
Beckman AU series MAKER \ Uricase colorimetry	μmol/L	483	2.1%	9	432
Mindray BS series simes-sikma \ OTHER	μmol/L	480	1.5%	9	416
Roche Hitachi/Hitachi Systems LEADMAN \ Uricase colorimetry	μmol/L	488	1.2%	44	2374
Roche Hitachi/Hitachi Systems MAKER \ Uricase-UV	μmol/L	481	1.2%	<5	130
Roche Hitachi/Hitachi Systems MAKER \ Uricase colorimetry	μmol/L	491	1.8%	16	722
Mindray BS series Dedicated \ Uricase-UV	μmol/L	482	2.7%	14	412
Beckman AU series OTHER \ Uricase colorimetry	μmol/L	495	2.4%	14	1232
Ortho Vitros 3600/5600 Ortho \ dry chemistry	μmol/L	472	0.5%	<5	<100
Beckman AU series Beckman Coulter \ Uricase colorimetry	μmol/L	501	0.4%	<5	<100
Roche cobas 4000/6000/8000 Roche \ Uricase colorimetry	μmol/L	469	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ Uricase colorimetry	μmol/L	491	1%	<5	<100
(UIBC)不饱和和铁结合力					
Roche Hitachi/Hitachi Systems LEADMAN \ Ferrozine colorimetry	μmol/L	29.5	3.6%	15	366
Roche cobas 4000/6000/8000 Roche \ Ferrozine colorimetry	μmol/L	30.4	12%	<5	<100
(Urea)尿素					
Mindray BS series simes-sikma \ OTHER	mmol/L	20.7	3.2%	9	418
Roche Hitachi/Hitachi Systems MAKER \ Urease-UV-rate	mmol/L	20.8	2.2%	<5	128
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	mmol/L	22.3	2.3%	35	1796
Roche Hitachi/Hitachi Systems MAKER \ OTHER	mmol/L	20.2	3.8%	16	792

REF	581-2	6×5mL	EXP	2025-10-06	LOT	376DFE3	更新日期：	2024-04
9 / 9								

		批号：376DFE3			
项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
Beckman AU series OTHER \ Urease colorimetry	mmol/L	21.9	2.8%	14	970
Mindray BS series Dedicated \ Urease-UV-rate	mmol/L	22.3	5%	14	528
Ortho Vitros 3600/5600 Ortho \ dry chemistry	mmol/L	17.2	1.3%	<5	<100
Beckman AU series Beckman Coulter \ Urease colorimetry	mmol/L	17.6	2.7%	<5	<100
Roche cobas 4000/6000/8000 Roche \ Urease colorimetry	mmol/L	20.9	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ OTHER	mmol/L	21.4	1.5%	<5	<100
(VB12)维生素B12					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	pg/mL	273	12%	<5	<100
(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/mL	0.003	12%	<5	<100

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。