

REF	581-1	6×5mL	EXP	2025-10-06	LOT	376B8D3	更新日期：	2024-04
1 / 10								

		批号：376B8D3			
项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
(Alb)白蛋白					
Beckman AU series OTHER \ Bromocresol green	g/L	27.9	1.9%	9	626
Mindray BS series chongqiong zybio \ Bromocresol green	g/L	28.7	2.2%	9	418
Beckman AU series BIOSINO \ Bromocresol green	g/L	28.3	1.6%	9	412
Canon TBA Series chongqiong zybio \ Bromocresol green	g/L	28.9	1.8%	9	378
Roche Hitachi/Hitachi Systems chongqiong zybio \ Bromocresol green	g/L	28.1	1.6%	8	404
Abbott ARCHITECT ci series BIOSINO \ Bromocresol green	g/L	27.8	0.9%	7	406
KHB ZY series KHB \ Bromocresol green	g/L	28.1	1.5%	5	<100
Roche Hitachi/Hitachi Systems Reebio \ Bromocresol green	g/L	27.5	1.6%	<5	122
Beckman AU series Beckman Coulter \ Bromocresol green	g/L	29.2	10.9%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ Bromocresol green	g/L	27.6	1.4%	<5	<100
Roche Hitachi/Hitachi Systems MAKER \ Bromocresol green	g/L	27.5	2.1%	16	716
Mindray BS series Dedicated \ Bromocresol green	g/L	26.4	2.2%	14	468
Roche cobas 4000/6000/8000 Roche \ Bromocresol green	g/L	28.4	11.9%	<5	<100
(ALP)碱性磷酸酶					
Beckman AU series OTHER \ Rate -AMP buffer	U/L	35.7	4.2%	9	504
Beckman AU series MAKER \ Rate -AMP buffer	U/L	41.6	3.7%	9	426
Canon TBA Series chongqiong zybio \ Rate -AMP buffer	U/L	38.7	7.5%	9	392
Roche Hitachi/Hitachi Systems chongqiong zybio \ Rate -AMP buffer	U/L	35.9	3.7%	8	404
Abbott ARCHITECT ci series BIOSINO \ Rate -AMP buffer	U/L	38	3.2%	7	394
Mindray BS series Elikan \ Rate -other buffers	U/L	32.9	5.2%	6	274
KHB ZY series KHB \ Rate -AMP buffer	U/L	35	4.3%	5	<100
Roche Hitachi/Hitachi Systems Reebio \ Rate -AMP buffer	U/L	30.4	3%	<5	<100
Mindray BS series chongqiong zybio \ Rate -other buffers	U/L	32.5	4.7%	<5	144
Roche Hitachi/Hitachi Systems LEADMAN \ Rate -AMP buffer	U/L	39.7	7.5%	<5	<100
Roche Hitachi/Hitachi Systems MAKER \ Rate -AMP buffer	U/L	35.9	5.4%	16	712
Mindray BS series Dedicated \ Rate -AMP buffer	U/L	34.1	4.7%	14	478
Roche cobas 4000/6000/8000 Roche \ Rate -AMP buffer	U/L	40	11.9%	<5	<100
Beckman AU series Beckman Coulter \ Rate -AMP buffer	U/L	36.4	4.2%	<5	<100
(ALT/ SGPT)丙氨酸氨基转移酶					
Beckman AU series OTHER \ UV-rate without P5P	U/L	36.3	4.2%	9	608
Beckman AU series BIOSINO \ UV-rate without P5P	U/L	34.1	4.1%	9	444
Canon TBA Series chongqiong zybio \ UV-rate without P5P	U/L	37	5.5%	9	394
Roche Hitachi/Hitachi Systems chongqiong zybio \ UV-rate without P5P	U/L	39.1	3.8%	8	404
Abbott ARCHITECT ci series BIOSINO \ UV-rate with P5P	U/L	33.2	1.9%	7	398
Mindray BS series Elikan \ UV-rate without P5P	U/L	38	5.3%	6	268
KHB ZY series KHB \ UV-rate with P5P	U/L	31	4.2%	5	<100
Roche Hitachi/Hitachi Systems MAKER \ OTHER	U/L	34.7	7.2%	5	202
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	U/L	32.5	3.4%	44	2424
Mindray BS series chongqiong zybio \ UV-rate without P5P	U/L	35	4%	<5	146
Beckman AU series Beckman Coulter \ UV-rate without P5P	U/L	37.8	6%	<5	<100
Roche Hitachi/Hitachi Systems Reebio \ UV-rate with P5P	U/L	32.9	7.2%	<5	<100
Mindray BS series Dedicated \ UV-rate without P5P	U/L	34.3	3.9%	13	374
Roche Hitachi/Hitachi Systems MAKER \ UV-rate without P5P	U/L	38.4	2.8%	11	440
Roche cobas 4000/6000/8000 Roche \ UV-rate with P5P	U/L	31.5	11.9%	<5	<100
(AMY)淀粉酶					
Mindray BS series Elikan \ OTHER	U/L	65	3.5%	9	418

REF	581-1	6×5mL	EXP	2025-10-06	LOT	376B8D3	更新日期：	2024-04
2 / 10								

		批号：376B8D3			
项目\仪器\试剂方法	单位	均值 \ CV		Lab \ 点数	
Canon TBA Series chongqiong zybio \ PNP-G7	U/L	62.1	3.6%	9	392
Roche Hitachi/Hitachi Systems chongqiong zybio \ PNP-G7	U/L	62.5	2.1%	8	402
Beckman AU series MAKER \ PNP-G7	U/L	63.5	2.1%	6	152
KHB ZY series KHB \ CNP_G3	U/L	61.2	4.1%	5	<100
Roche Hitachi/Hitachi Systems Reebio \ CNP_G3	U/L	60.6	1.7%	<5	122
Mindray BS series Dedicated \ PNP-G7	U/L	64.4	3.9%	14	558
Roche Hitachi/Hitachi Systems MAKER \ PNP-G7	U/L	65.3	3.5%	11	260
Beckman AU series Elikan \ PNP-G7	U/L	63	4.5%	10	674
Roche Hitachi/Hitachi Systems LEADMAN \ PNP-G7	U/L	73.7	0.9%	<5	<100
Roche cobas 4000/6000/8000 Roche \ PNP-G7	U/L	63	11.9%	<5	100
(Apo-A I)载脂蛋白A I					
Beckman AU series KINGSBIO \ immunoturbidimetric	g/L	0.895	3.5%	9	442
Mindray BS series OTHER \ immunoturbidimetric	g/L	0.952	4.4%	9	416
KHB ZY series KHB \ immunoturbidimetric	g/L	0.988	4.4%	5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ immunoturbidimetric	g/L	1.34	2.4%	<5	130
Roche Hitachi/Hitachi Systems LEADMAN \ immunoturbidimetric	g/L	1.1	2%	15	728
Mindray BS series Dedicated \ immunoturbidimetric	g/L	1.03	7.1%	14	448
Roche cobas 4000/6000/8000 SekiSui \ immunoturbidimetric	g/L	0.855	11.9%	<5	<100
(Apo-B)载脂蛋白B					
Beckman AU series KINGSBIO \ immunoturbidimetric	g/L	0.368	9.3%	9	450
Mindray BS series OTHER \ immunoturbidimetric	g/L	0.441	6.2%	9	416
KHB ZY series KHB \ immunoturbidimetric	g/L	0.453	11.5%	5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ immunoturbidimetric	g/L	0.408	4.5%	15	724
Mindray BS series Dedicated \ immunoturbidimetric	g/L	0.465	6.1%	13	488
Roche Hitachi/Hitachi Systems BIOBASE \ immunoturbidimetric	g/L	0.448	2.6%	11	530
Roche cobas 4000/6000/8000 SekiSui \ immunoturbidimetric	g/L	0.435	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	42.9	3.5%	9	436
Canon TBA Series chongqiong zybio \ UV-rate without P5P	U/L	41.4	3.5%	9	394
Roche Hitachi/Hitachi Systems chongqiong zybio \ UV-rate without P5P	U/L	43.1	3.4%	8	404
Abbott ARCHITECT ci series BIOSINO \ UV-rate without P5P	U/L	38.7	3.8%	7	394
Mindray BS series Elikan \ UV-rate without P5P	U/L	42.9	5.3%	6	272
KHB ZY series KHB \ UV-rate with P5P	U/L	41.7	3.2%	5	<100
Roche Hitachi/Hitachi Systems MAKER \ OTHER	U/L	39.3	5.4%	5	204
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	U/L	40.5	5.6%	30	1444
Mindray BS series chongqiong zybio \ UV-rate without P5P	U/L	40.5	3.8%	<5	146
Roche Hitachi/Hitachi Systems Reebio \ UV-rate with P5P	U/L	37.7	2.9%	<5	102
Beckman AU series Beckman Coulter \ UV-rate without P5P	U/L	46.6	5.1%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ UV-rate with P5P	U/L	40.4	4%	14	914
Mindray BS series Dedicated \ UV-rate without P5P	U/L	39.8	4.4%	14	550
Roche Hitachi/Hitachi Systems MAKER \ UV-rate without P5P	U/L	40.8	3%	11	476
Beckman AU series OTHER \ UV-rate without P5P	U/L	43.5	6.7%	10	664
Roche cobas 4000/6000/8000 Roche \ UV-rate with P5P	U/L	38.5	11.9%	<5	<100
(Ca)钙					
Beckman AU series OTHER \ Arsenazo III	mmol/L	1.83	2.7%	9	564
Canon TBA Series chongqiong zybio \ Arsenazo III	mmol/L	1.9	3.4%	9	384
Abbott ARCHITECT ci series BIOSINO \ OCP colorimetry	mmol/L	1.71	3.2%	7	394

REF	581-1	6×5mL	EXP	2025-10-06	LOT	376B8D3	更新日期：	2024-04
3 / 10								

批号：376B8D3					
项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
Beckman AU series MAKER \ Arsenazo III	mmol/L	1.81	2.8%	7	334
Roche Hitachi/Hitachi Systems MAKER \ Arsenazo III	mmol/L	1.89	2.9%	5	202
Beckman AU series Beckman Coulter \ Arsenazo III	mmol/L	1.85	3.9%	<5	<100
Roche Hitachi/Hitachi Systems Reebio \ Arsenazo III	mmol/L	1.81	1.1%	<5	<100
Mindray BS series Dedicated \ Arsenazo III	mmol/L	1.88	3.6%	14	534
Roche cobas 4000/6000/8000 Roche \ BAPTA	mmol/L	1.78	11.9%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	mmol/L	1.86	2.2%	<5	<100
(CHOL/ TC)总胆固醇					
Beckman AU series LEADMAN \ Cholesterol oxidase	mmol/L	2.37	3.7%	9	446
Canon TBA Series chongqiong zybio \ Cholesterol oxidase	mmol/L	2.26	2.2%	9	386
Roche Hitachi/Hitachi Systems chongqiong zybio \ Cholesterol oxidase	mmol/L	2.25	1.7%	8	404
Abbott ARCHITECT ci series BIOSINO \ Cholesterol oxidase	mmol/L	2.23	0.7%	7	408
Mindray BS series Elikan \ Cholesterol oxidase	mmol/L	2.31	1.8%	6	270
KHB ZY series KHB \ Cholesterol oxidase	mmol/L	2.44	4.8%	5	<100
Mindray BS series OTHER \ Cholesterol oxidase	mmol/L	2.38	1.7%	<5	146
Roche Hitachi/Hitachi Systems LEADMAN \ Cholesterol oxidase	mmol/L	2.43	1.9%	20	1280
Mindray BS series Dedicated \ Cholesterol oxidase	mmol/L	2.2	2.5%	14	504
Roche Hitachi/Hitachi Systems MAKER \ OTHER	mmol/L	2.3	2.3%	11	564
Beckman AU series OTHER \ Cholesterol oxidase	mmol/L	2.21	6.3%	10	742
Roche cobas 4000/6000/8000 Roche \ Cholesterol oxidase	mmol/L	2.31	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ OTHER	mmol/L	2.22	1.3%	<5	<100
(CK)肌酸激酶					
Canon TBA Series chongqiong zybio \ Rate -AMP buffer	U/L	158	4.2%	9	392
Roche Hitachi/Hitachi Systems chongqiong zybio \ Rate -AMP buffer	U/L	149	2.6%	8	404
Roche Hitachi/Hitachi Systems MAKER \ OTHER	U/L	150	2.3%	8	282
Abbott ARCHITECT ci series BIOSINO \ Rate -AMP buffer	U/L	139	3.2%	7	400
Mindray BS series Elikan \ Rate -other buffers	U/L	151	4.8%	6	270
Beckman AU series LEADMAN \ Rate -AMP buffer	U/L	149	2%	6	222
KHB ZY series KHB \ OTHER	U/L	152	4.3%	<5	<100
Roche Hitachi/Hitachi Systems MAKER \ Rate -AMP buffer	U/L	163	1.5%	<5	<100
Mindray BS series chongqiong zybio \ Rate -other buffers	U/L	156	2.2%	<5	146
Roche Hitachi/Hitachi Systems Reebio \ DGKC	U/L	156	0.8%	<5	122
Mindray BS series Dedicated \ Rate -AMP buffer	U/L	140	6%	14	490
Roche cobas 4000/6000/8000 Roche \ Rate -AMP buffer	U/L	151	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ Rate -AMP buffer	U/L	163	1.7%	<5	<100
(CK-MB mass)肌酸激酶-MB质量					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	9.59	12%	<5	<100
(CK-MB)肌酸激酶-MB (活性)					
KHB ZY series KHB \ Immune suppression	U/L	20.9	10%	5	<100
Roche Hitachi/Hitachi Systems MAKER \ Immune suppression	U/L	13.9	11.5%	<5	<100
Mindray BS series Dedicated \ Immune suppression	U/L	18.1	18.2%	14	526
Roche cobas 4000/6000/8000 Roche \ Immune suppression	U/L	19	11.9%	<5	<100
(Cl)氯					
Canon TBA Series chongqiong zybio \ ISE (direct)	mmol/L	81.5	1.7%	9	398
Abbott ARCHITECT ci series Abbott \ ISE (indirect)	mmol/L	74.6	1.1%	7	402
MZKL CORNLEY \ ISE (direct)	mmol/L	77.5	1.8%	5	<100
Roche Hitachi/Hitachi Systems Reebio \ ISE (direct)	mmol/L	71.9	1.3%	<5	120

REF	581-1	6×5mL	EXP	2025-10-06	LOT	376B8D3	更新日期：	2024-04
4 / 10								

		批号：376B8D3			
项目\仪器\试剂方法	单位	均值 \ CV		Lab \ 点数	
Roche Hitachi/Hitachi Systems Dedicated \ ISE (direct)	mmol/L	76.2	5.1%	<5	<100
Beckman AU series Beckman Coulter \ ISE (indirect)	mmol/L	76.2	3.7%	19	1016
Roche Hitachi/Hitachi Systems Wako \ ISE (indirect)	mmol/L	74.7	1.9%	15	722
Mindray BS series Dedicated \ OTHER	mmol/L	77.1	1.5%	14	520
Roche cobas 4000/6000/8000 Roche \ ISE (indirect)	mmol/L	71	11.9%	<5	<100
Roche Hitachi/Hitachi Systems Hitachi \ ISE (indirect)	mmol/L	73.1	0%	<5	<100
(CO2 (HCO3-))二氧化碳（碳酸氢根）					
Roche Hitachi/Hitachi Systems MAKER \ PEPC	mmol/L	6.92	6.8%	5	148
Mindray BS series Dedicated \ PEPC	mmol/L	7.56	8.9%	14	522
Roche cobas c 501/502/701/702 Roche \ Colorimetry	mmol/L	10.2	11.9%	<5	<100
(Cr)肌酐					
Canon TBA Series chongqiong zybio \ Enzymatic	μmol/L	69.7	3.8%	9	400
Roche Hitachi/Hitachi Systems chongqiong zybio \ Enzymatic	μmol/L	70.8	3.3%	8	400
Beckman AU series MAKER \ Enzymatic	μmol/L	69.5	4.6%	8	338
Abbott ARCHITECT ci series BIOTEX \ Enzymatic	μmol/L	74.1	1.6%	7	398
Mindray BS series simes-sikma \ OTHER	μmol/L	69.6	3.8%	7	284
KHB ZY series KHB \ Enzymatic	μmol/L	75	2.6%	5	<100
Roche Hitachi/Hitachi Systems MAKER \ Enzymatic	μmol/L	72.5	4.1%	5	198
Mindray BS series MAKER \ Enzymatic	μmol/L	70.5	3%	<5	134
Roche Hitachi/Hitachi Systems Reebio \ Enzymatic	μmol/L	69.5	2.3%	<5	120
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	μmol/L	71.9	2.4%	29	1576
Roche Hitachi/Hitachi Systems LEADMAN \ Enzymatic	μmol/L	71.6	2.4%	15	720
Mindray BS series Dedicated \ Picric acid-Blank Compensation	μmol/L	69.4	2.9%	14	470
Roche Hitachi/Hitachi Systems MAKER \ OTHER	μmol/L	72.2	4.9%	11	542
Beckman AU series OTHER \ Enzymatic	μmol/L	71.1	2.8%	10	604
Roche cobas 4000/6000/8000 Roche \ Enzymatic	μmol/L	78	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ OTHER	μmol/L	74.1	2.9%	<5	<100
(CRP)C反应蛋白					
Beckman Image 800 Beckman Coulter \ Immunonephelometry (INA)	mg/dL	0.255	12%	<5	<100
Beckman AU series DiaSys \ Immunoturbidimetry (ITA)	mg/dL	0.29	15.8%	<5	<100
(DBIL)直接胆红素					
Mindray BS series Elikan \ Vanadate	μmol/L	6.94	5.6%	9	420
Beckman AU series MAKER \ Vanadate	μmol/L	6.72	4.5%	9	402
Roche Hitachi/Hitachi Systems chongqiong zybio \ Vanadate	μmol/L	7.44	7.2%	8	400
Abbott ARCHITECT ci series BIOSINO \ Diazotization	μmol/L	5.9	3%	7	402
KHB ZY series KHB \ Vanadate	μmol/L	6.44	8.4%	5	<100
Canon TBA Series chongqiong zybio \ Vanadate	μmol/L	7.37	5.9%	5	200
Beckman AU series Beckman Coulter \ Diazotization -Blank Compensation	μmol/L	5.16	10.4%	<5	<100
Roche Hitachi/Hitachi Systems MAKER \ Vanadate	μmol/L	6.4	6.6%	16	712
Mindray BS series Dedicated \ Vanadate	μmol/L	6.65	5%	14	570
Beckman AU series OTHER \ Vanadate	μmol/L	6.61	4.2%	10	568
Roche cobas 4000/6000/8000 Roche \ Diazotization -Blank Compensation	μmol/L	6.25	11.9%	<5	<100
OTHER BSBE \ OTHER	μmol/L	6.91	4%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ Vanadate	μmol/L	6.27	9.2%	<5	<100
Roche Hitachi/Hitachi Systems Reebio \ Diazotization	μmol/L	6.1	0%	<5	<100
(DGXN)地高辛					
Roche cobas e411 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	0.295	12%	<5	<100

REF	581-1	6×5mL	EXP	2025-10-06	LOT	376B8D3	更新日期：	2024-04
5 / 10								

		批号：376B8D3			
项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
(E2)雌二醇					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	pmol/L	172	12%	<5	<100
(FA)叶酸					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	6.75	12%	<5	<100
(Fe)铁					
Roche Hitachi/Hitachi Systems LEADMAN \ Ferrozine colorimetry	μmol/L	16.7	2.4%	15	734
Mindray BS series Dedicated \ OTHER	μmol/L	17.4	5.2%	14	514
Roche cobas 4000/6000/8000 Roche \ Ferrozine colorimetry	μmol/L	17.3	11.9%	<5	<100
(FT3)游离T3					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	pmol/L	3.48	12%	<5	<100
(FT4)游离T4					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	pmol/L	14.8	12%	<5	<100
(GGT)L-γ-谷氨酰基转移酶					
Beckman AU series OTHER \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	31.4	2.8%	9	662
Beckman AU series MAKER \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	32.5	2.8%	9	456
Canon TBA Series chongqiong zybio \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	30.3	2.4%	9	392
Roche Hitachi/Hitachi Systems chongqiong zybio \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	29.2	2.6%	8	404
Abbott ARCHITECT ci series BIOSINO \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	34.9	1.8%	7	400
Mindray BS series Elikan \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	32.8	3%	6	276
KHB ZY series KHB \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	32.5	3.6%	5	<100
Mindray BS series chongqiong zybio \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	32.4	4.1%	<5	146
Roche Hitachi/Hitachi Systems Reebio \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	32.5	2%	<5	122
Beckman AU series Beckman Coulter \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	32.2	4.7%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	29	3.5%	<5	<100
Roche Hitachi/Hitachi Systems MAKER \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	31.9	3.3%	16	776
Mindray BS series Dedicated \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	33.3	2.8%	14	558
Roche cobas 4000/6000/8000 Roche \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	30.5	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ γ-glutamyl -3-carboxy-4-nitroaniline	U/L	31.9	1.9%	<5	<100
(GLDH)谷氨酸脱氢酶					
Roche cobas 4000/6000/8000 DiaSys \ Colorimetry	U/L	4.4	12%	<5	<100
(GLU)葡萄糖					
Beckman AU series OTHER \ Hexokinase	mmol/L	3.68	2.6%	9	590
Beckman AU series BJBJ \ Glucose oxidase (GOD)	mmol/L	3.65	3.1%	9	440
Canon TBA Series chongqiong zybio \ Hexokinase	mmol/L	3.63	3%	9	388
Abbott ARCHITECT ci series BIOSINO \ Hexokinase	mmol/L	3.64	1.4%	7	396
Roche Hitachi/Hitachi Systems chongqiong zybio \ Hexokinase	mmol/L	3.67	2.4%	7	392
Mindray BS series Elikan \ Glucose oxidase (GOD)	mmol/L	3.64	2%	6	272
KHB ZY series KHB \ Glucose oxidase (GOD)	mmol/L	3.44	1.7%	5	<100
Roche Hitachi/Hitachi Systems MAKER \ Hexokinase	mmol/L	3.62	2.1%	5	166
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	mmol/L	3.69	2.4%	30	1432
Mindray BS series OTHER \ Glucose oxidase (GOD)	mmol/L	3.55	1.8%	<5	146
Roche Hitachi/Hitachi Systems Reebio \ Glucose oxidase (GOD)	mmol/L	3.62	1.6%	<5	122
Beckman AU series Beckman Coulter \ Hexokinase	mmol/L	3.8	5.1%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ Hexokinase	mmol/L	3.66	2.7%	16	934
Mindray BS series Dedicated \ Glucose oxidase (GOD)	mmol/L	3.48	2.8%	14	492
Roche Hitachi/Hitachi Systems MAKER \ Glucose oxidase (GOD)	mmol/L	3.4	4.2%	11	578
Roche cobas 4000/6000/8000 Roche \ Hexokinase	mmol/L	3.38	11.9%	<5	<100

REF	581-1	6×5mL	EXP	2025-10-06	LOT	376B8D3	更新日期：	2024-04
6 / 10								

		批号：376B8D3			
项目\仪器\试剂方法	单位	均值 \ CV		Lab \ 点数	
OTHER					
BSBE \ Hexokinase	mmol/L	3.44	1.4%	<5	<100
Roche Hitachi/Hitachi Systems					
BIOBASE \ Glucose oxidase (GOD)	mmol/L	3.9	1.3%	<5	<100
(HDL-C)高密度脂蛋白胆固醇					
Beckman AU series					
LEADMAN \ selected suppression	mmol/L	0.665	3.5%	9	436
Mindray BS series					
OTHER \ selected suppression	mmol/L	0.662	3.4%	9	414
Abbott ARCHITECT ci series					
BIOSINO \ Enzymatic	mmol/L	0.846	3.4%	7	404
Beckman AU series					
OTHER \ Direct Measure	mmol/L	0.694	3%	7	318
Roche Hitachi/Hitachi Systems					
LEADMAN \ selected suppression	mmol/L	0.696	3.6%	44	2288
Beckman AU series					
Elikan \ Direct Measure	mmol/L	0.69	1.7%	<5	208
KHB ZY series					
KHB \ Direct Measure	mmol/L	0.77	8.3%	<5	<100
Mindray BS series					
Dedicated \ Direct Measure	mmol/L	0.65	4.5%	14	476
Roche Hitachi/Hitachi Systems					
MAKER \ Direct Measure	mmol/L	0.617	3.4%	11	450
Roche cobas 4000/6000/8000					
Roche \ Enzymatic	mmol/L	0.585	11.9%	<5	<100
Roche Hitachi/Hitachi Systems					
BIOBASE \ Direct Measure	mmol/L	0.618	1.8%	<5	<100
(IgA)免疫球蛋白 IgA					
Beckman Immage 800					
Beckman Coulter \ Immunoturbidimetry (ITA)	mg/dL	147	12%	<5	<100
(IgG)免疫球蛋白 IgG					
Beckman Immage 800					
Beckman Coulter \ Immunoturbidimetry (ITA)	mg/dL	624	12%	<5	<100
(IgM)免疫球蛋白 IgM					
Beckman Immage 800					
Beckman Coulter \ Immunoturbidimetry (ITA)	mg/dL	64	12%	<5	<100
(K)钾					
Canon TBA Series					
chongqiong zybio \ ISE (direct)	mmol/L	2.84	2.9%	9	386
Abbott ARCHITECT ci series					
Abbott \ ISE (indirect)	mmol/L	2.8	1.7%	7	404
MZKL					
CORNLEY \ ISE (direct)	mmol/L	2.96	1.9%	5	<100
Roche Hitachi/Hitachi Systems					
Reebio \ ISE (direct)	mmol/L	2.86	1.9%	<5	122
Roche Hitachi/Hitachi Systems					
Dedicated \ ISE (direct)	mmol/L	2.85	2.7%	<5	<100
Beckman AU series					
Beckman Coulter \ ISE (indirect)	mmol/L	2.9	2.6%	19	1068
Roche Hitachi/Hitachi Systems					
Wako \ ISE (indirect)	mmol/L	2.89	1.6%	15	720
Mindray BS series					
Dedicated \ OTHER	mmol/L	2.98	1.9%	14	524
Roche cobas 4000/6000/8000					
Roche \ ISE (indirect)	mmol/L	2.9	11.9%	<5	<100
(LA)乳酸					
Roche cobas 4000/6000/8000					
Roche \ Lactate to pyruvate (L-P)	mmol/L	0.5	12%	<5	<100
(LDH)乳酸脱氢酶					
Beckman AU series					
LEADMAN \ Lactate to pyruvate (L-P)	U/L	148	2.4%	9	428
Canon TBA Series					
chongqiong zybio \ Lactate to pyruvate (L-P)	U/L	147	2.8%	9	396
Roche Hitachi/Hitachi Systems					
chongqiong zybio \ Lactate to pyruvate (L-P)	U/L	147	2.2%	8	404
Abbott ARCHITECT ci series					
BIOSINO \ Lactate to pyruvate (L-P)	U/L	147	1.9%	7	416
Mindray BS series					
Elikan \ Lactate to pyruvate (L-P)	U/L	148	3.6%	6	274
KHB ZY series					
KHB \ Lactate to pyruvate (L-P)	U/L	158	6.6%	5	<100
Mindray BS series					
chongqiong zybio \ Lactate to pyruvate (L-P)	U/L	151	2.7%	<5	146
OTHER					
BSBE \ Lactate to pyruvate (L-P)	U/L	144	2.2%	<5	<100
Roche Hitachi/Hitachi Systems					
Reebio \ Lactate to pyruvate (L-P)	U/L	155	1.8%	<5	120
Roche Hitachi/Hitachi Systems					
MAKER \ Lactate to pyruvate (L-P)	U/L	138	4.7%	16	682
Mindray BS series					
Dedicated \ Lactate to pyruvate (L-P)	U/L	153	2.4%	14	532
Roche cobas 4000/6000/8000					
Roche \ Lactate to pyruvate (L-P)	U/L	150	11.9%	<5	<100
Roche Hitachi/Hitachi Systems					
LEADMAN \ OTHER	U/L	150	1%	<5	<100
Roche Hitachi/Hitachi Systems					
BIOBASE \ Lactate to pyruvate (L-P)	U/L	140	1.6%	<5	<100

REF	581-1	6×5mL	EXP	2025-10-06	LOT	376B8D3	更新日期：	2024-04
7 / 10								

		批号：376B8D3			
项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
(LDL-C)低密度脂蛋白胆固醇					
Mindray BS series OTHER \ SUR	mmol/L	1.22	2.8%	9	420
Beckman AU series LEADMAN \ selected suppression	mmol/L	1.2	2.8%	9	418
Canon TBA Series chongqiong zybio \ Direct Measure	mmol/L	1.53	3%	9	394
Roche Hitachi/Hitachi Systems chongqiong zybio \ Direct Measure	mmol/L	1.6	2.6%	8	404
Abbott ARCHITECT ci series BIOSINO \ SUR	mmol/L	1.04	1.8%	7	414
Roche Hitachi/Hitachi Systems LEADMAN \ SUR	mmol/L	1.19	3%	44	2334
KHB ZY series KHB \ Direct Measure	mmol/L	0.98	3.3%	<5	<100
Mindray BS series Dedicated \ Direct Measure	mmol/L	1.19	5.1%	14	530
Roche Hitachi/Hitachi Systems MAKER \ Direct Measure	mmol/L	1.23	3.9%	11	510
Beckman AU series OTHER \ Direct Measure	mmol/L	1.37	6.1%	10	684
Roche cobas 4000/6000/8000 Roche \ Enzymatic	mmol/L	1.22	11.9%	<5	<100
OTHER BSBE \ SUR	mmol/L	1.08	1.8%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ Direct Measure	mmol/L	1.21	3.3%	<5	<100
(LIP)脂肪酶					
Mindray BS series Autobio \ OTHER	U/L	25.3	7.1%	9	211
Roche Hitachi/Hitachi Systems BIOBASE \ OTHER	U/L	32.5	11.1%	9	171
Beckman AU series Reebio \ OTHER	U/L	22	13.6%	5	141
Beckman AU series OTHER \ OTHER	U/L	32	7.8%	<5	<100
Mindray BS series OTHER \ OTHER	U/L	24.4	6.3%	<5	<100
Roche cobas 4000/6000/8000 DiaSys \ Enzymatic Cycling Assays Method	U/L	34	12%	<5	<100
(Mg)镁					
Roche Hitachi/Hitachi Systems chongqiong zybio \ Xylidyl Blue	mmol/L	0.722	6.9%	8	392
Canon TBA Series chongqiong zybio \ Xylidyl Blue	mmol/L	0.679	3.7%	8	392
Roche Hitachi/Hitachi Systems MAKER \ Xylidyl Blue	mmol/L	0.547	10.4%	5	200
Beckman AU series Elikan \ Xylidyl Blue	mmol/L	0.694	5.3%	<5	<100
Roche Hitachi/Hitachi Systems Reebio \ Arsenazo □	mmol/L	0.648	4%	<5	118
Mindray BS series Dedicated \ Xylidyl Blue	mmol/L	0.724	5.8%	13	532
Roche cobas 4000/6000/8000 Roche \ Xylidyl Blue	mmol/L	0.68	11.9%	<5	<100
(Na)钠					
Canon TBA Series chongqiong zybio \ ISE (direct)	mmol/L	111	1.2%	9	386
Abbott ARCHITECT ci series Abbott \ ISE (indirect)	mmol/L	111	1.6%	7	398
MZKL CORNLEY \ ISE (direct)	mmol/L	114	1.3%	5	<100
Roche Hitachi/Hitachi Systems Reebio \ ISE (direct)	mmol/L	111	1.1%	<5	122
Roche Hitachi/Hitachi Systems Dedicated \ ISE (indirect)	mmol/L	113	2%	<5	<100
Beckman AU series Beckman Coulter \ ISE (indirect)	mmol/L	112	1.9%	19	1038
Roche Hitachi/Hitachi Systems Wako \ ISE (indirect)	mmol/L	113	1.2%	15	720
Mindray BS series Dedicated \ OTHER	mmol/L	112	1.6%	14	514
Roche cobas 4000/6000/8000 Roche \ ISE (indirect)	mmol/L	109	11.9%	<5	<100
OTHER ABX \ ISE (indirect)	mmol/L	110	0%	<5	<100
(NEFA)游离脂肪酸					
Roche cobas 4000/6000/8000 DiaSys \ ACS - ACOD	mmol/L	0.635	12%	<5	<100
(P)磷					
Beckman AU series LEADMAN \ Phosphomolybdate-UV-end point	mmol/L	0.681	3.4%	9	430
Canon TBA Series chongqiong zybio \ Phosphomolybdate-UV-end point	mmol/L	0.714	2.7%	9	392
Roche Hitachi/Hitachi Systems chongqiong zybio \ Phosphomolybdate-UV-end point	mmol/L	0.729	4.2%	8	404
Roche Hitachi/Hitachi Systems MAKER \ Phosphomolybdate UV-rate	mmol/L	0.687	3.2%	5	200

REF	581-1	6×5mL	EXP	2025-10-06	LOT	376B8D3	更新日期：	2024-04
8 / 10								

		批号：376B8D3			
项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
Roche Hitachi/Hitachi Systems Reebio \ Phosphomolybdate UV-rate	mmol/L	0.658	1.2%	<5	120
Roche Hitachi/Hitachi Systems LEADMAN \ Phosphomolybdate-UV-end point	mmol/L	0.219	1.9%	15	722
Mindray BS series Dedicated \ Phosphomolybdate-UV-end point	mmol/L	0.69	5.2%	14	428
Beckman AU series Elikan \ Molybdenum blue colorimetry	mmol/L	0.681	5.6%	10	666
Roche cobas 4000/6000/8000 Roche \ Phosphomolybdate UV-rate	mmol/L	0.645	11.9%	<5	<100
(PRO/ TP)(总) 蛋白					
Beckman AU series OTHER \ Biuret-endpoint	g/L	39.8	1.7%	9	666
Beckman AU series BIOSINO \ Biuret-endpoint	g/L	41.8	2.3%	9	426
Mindray BS series chongqiong zybio \ Biuret-endpoint	g/L	42.2	1.6%	9	422
Canon TBA Series chongqiong zybio \ Biuret-endpoint	g/L	41.1	1.5%	9	398
Roche Hitachi/Hitachi Systems chongqiong zybio \ Biuret-endpoint	g/L	44.9	1.6%	8	404
Abbott ARCHITECT ci series BIOSINO \ Biuret-endpoint	g/L	40.7	1.5%	7	394
KHB ZY series KHB \ Biuret-endpoint	g/L	46.1	5.2%	5	<100
Roche Hitachi/Hitachi Systems Reebio \ Biuret-endpoint	g/L	41.2	0.9%	<5	<100
Beckman AU series Beckman Coulter \ Biuret-endpoint	g/L	41.7	17%	<5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ Biuret-endpoint	g/L	42.9	1.1%	<5	<100
Roche Hitachi/Hitachi Systems MAKER \ Biuret-rate	g/L	43.5	4.1%	16	686
Mindray BS series Dedicated \ Biuret-rate	g/L	42.2	1.9%	14	334
Roche cobas 4000/6000/8000 Roche \ Biuret-endpoint	g/L	43.3	11.9%	<5	<100
Mindray BS series Elikan \ Biuret-endpoint	g/L	41.8	0.5%	<5	<100
OTHER BSBE \ Biuret-endpoint	g/L	43	0%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ Biuret-rate	g/L	44.4	1.1%	<5	<100
(PROG)孕酮					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	0.947	12%	<5	<100
(TBA)总胆汁酸					
Beckman AU series BIOSINO \ Enzymatic Cycling Assays Method	μmol/L	12	6.3%	9	396
Roche Hitachi/Hitachi Systems chongqiong zybio \ Enzymatic Cycling Assays Method	μmol/L	11.8	9.4%	8	402
Canon TBA Series chongqiong zybio \ Enzymatic Cycling Assays Method	μmol/L	9.66	28.7%	8	388
Beckman AU series Szybio \ Enzymatic Cycling Assays Method	μmol/L	11.5	5.4%	6	282
Beckman AU series OTHER \ Enzymatic Cycling Assays Method	μmol/L	10.8	4.7%	5	390
Roche Hitachi/Hitachi Systems MAKER \ Enzymatic Cycling Assays Method	μmol/L	13	6.9%	5	154
KHB ZY series KHB \ Enzymatic Cycling Assays Method	μmol/L	12	4%	<5	<100
Roche Hitachi/Hitachi Systems Reebio \ Enzymatic Cycling Assays Method	μmol/L	11.5	1.7%	<5	122
Roche Hitachi/Hitachi Systems LEADMAN \ Enzymatic Cycling Assays Method	μmol/L	13.5	5%	15	766
Mindray BS series Dedicated \ Enzymatic Cycling Assays Method	μmol/L	10.3	6.4%	14	456
Roche cobas 4000/6000/8000 DiaSys \ Enzymatic Cycling Assays Method	μmol/L	11.1	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ Enzymatic Cycling Assays Method	μmol/L	14.2	13.4%	<5	<100
(TBIL)总胆红素					
Beckman AU series OTHER \ Vanadate	μmol/L	13.2	3.5%	9	680
Beckman AU series MAKER \ Vanadate	μmol/L	12.9	5%	9	448
Roche Hitachi/Hitachi Systems chongqiong zybio \ Vanadate	μmol/L	15.6	5.5%	8	404
Abbott ARCHITECT ci series BIOSINO \ Diazotization	μmol/L	11.2	2.7%	7	394
Mindray BS series Elikan \ Vanadate	μmol/L	13.6	2.4%	6	276
Canon TBA Series chongqiong zybio \ Vanadate	μmol/L	13.1	4.2%	5	200
Roche Hitachi/Hitachi Systems LEADMAN \ Vanadate	μmol/L	14.2	2.8%	44	2082
KHB ZY series KHB \ Vanadate	μmol/L	11	1.9%	<5	<100
Mindray BS series chongqiong zybio \ Vanadate	μmol/L	13.1	2.1%	<5	146

REF	581-1	6×5mL	EXP	2025-10-06	LOT	376B8D3	更新日期：	2024-04
9 / 10								

批号：376B8D3					
项目\仪器\试剂方法	单位	均值 \ CV		Lab \ 点数	
Beckman AU series Beckman Coulter \ Diazotization -Blank Compensation	μmol/L	14.8	5.8%	<5	<100
Roche Hitachi/Hitachi Systems MAKER \ Vanadate	μmol/L	12.7	5.1%	15	594
Mindray BS series Dedicated \ Vanadate	μmol/L	11.8	4.4%	14	534
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	μmol/L	12	2.6%	<5	<100
Roche cobas 4000/6000/8000 DiaSys \ Diazotization	μmol/L	10.3	11.9%	<5	<100
Roche Hitachi/Hitachi Systems Reebio \ Diazotization	μmol/L	13.7	0%	<5	<100
(TES)睾酮					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	1.48	12%	<5	<100
(TG)甘油三酯					
Canon TBA Series chongqiong zybio \ GPO-POD	mmol/L	0.811	2.3%	9	386
Beckman AU series LEADMAN \ GPO-POD	mmol/L	0.737	5.2%	9	328
Roche Hitachi/Hitachi Systems chongqiong zybio \ GPO-POD	mmol/L	0.767	4.4%	8	406
Roche Hitachi/Hitachi Systems MAKER \ OTHER	mmol/L	0.893	2%	7	<100
Abbott ARCHITECT ci series BIOSINO \ GPO-POD	mmol/L	0.778	2.4%	7	400
Mindray BS series Elikan \ GPO-POD	mmol/L	0.83	4.7%	6	276
KHB ZY series KHB \ GPO-POD	mmol/L	0.803	3.4%	5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ GPO-POD	mmol/L	0.765	3.1%	33	1524
Mindray BS series OTHER \ GPO-POD	mmol/L	0.844	3.7%	<5	146
Mindray BS series Dedicated \ GPO-POD	mmol/L	0.771	3.4%	14	462
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	mmol/L	0.765	2%	12	824
Beckman AU series OTHER \ GPO-POD	mmol/L	0.821	3.7%	10	704
Roche cobas 4000/6000/8000 Roche \ Free glycerol removed	mmol/L	0.83	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ OTHER	mmol/L	0.904	1.1%	<5	<100
(TIBC)总铁结合力					
Roche cobas 4000/6000/8000 Roche \ Ferrozine colorimetry	μmol/L	35.8	12%	<5	<100
(TRF)转铁蛋白					
Roche Hitachi/Hitachi Systems LEADMAN \ Immunoturbidimetry (ITA)	mg/dL	209	4.5%	15	365
Roche cobas 4000/6000/8000 Roche \ Immunoturbidimetry (ITA)	mg/dL	160	12%	<5	<100
(TSH)促甲状腺素					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	mIU/L	1.15	12%	<5	<100
(TT3)总三碘甲状腺氨酸					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	0.889	12%	<5	<100
(TT4)总T4					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	ng/mL	47.9	12%	<5	<100
(UA)尿酸					
Beckman AU series MAKER \ Uricense colorimetry	μmol/L	161	2.6%	9	436
Mindray BS series simes-sikma \ OTHER	μmol/L	163	2.2%	9	418
Canon TBA Series chongqiong zybio \ Uricense colorimetry	μmol/L	160	2.9%	9	398
Roche Hitachi/Hitachi Systems chongqiong zybio \ Uricense colorimetry	μmol/L	157	1.9%	8	404
Abbott ARCHITECT ci series BIOSINO \ Uricense colorimetry	μmol/L	172	2%	7	396
KHB ZY series KHB \ Uricense colorimetry	μmol/L	171	3.2%	5	<100
Roche Hitachi/Hitachi Systems LEADMAN \ Uricense colorimetry	μmol/L	168	2.4%	44	2374
Roche Hitachi/Hitachi Systems MAKER \ Uricense colorimetry	μmol/L	159	2.6%	16	674
Mindray BS series Dedicated \ Uricense-UV	μmol/L	159	2.9%	14	412
Beckman AU series OTHER \ Uricense colorimetry	μmol/L	169	5.9%	10	660
Roche cobas 4000/6000/8000 Roche \ Uricense colorimetry	μmol/L	154	11.9%	<5	<100
Roche Hitachi/Hitachi Systems Reebio \ Uricense colorimetry	μmol/L	156	0%	<5	<100

REF	581-1	6×5mL	EXP	2025-10-06	LOT	376B8D3	更新日期：	2024-04
10 / 10								

批号：376B8D3					
项目\仪器\试剂\方法	单位	均值 \ CV		Lab \ 点数	
Roche Hitachi/Hitachi Systems BIOBASE \ Uricase colorimetry	μmol/L	160	1.1%	<5	<100
(UICB)不饱和和铁结合力					
Roche Hitachi/Hitachi Systems LEADMAN \ Ferrozine colorimetry	μmol/L	18	4.8%	15	366
Roche cobas 4000/6000/8000 Roche \ Ferrozine colorimetry	μmol/L	18.4	12%	<5	<100
(Urea)尿素					
Mindray BS series simes-sikma \ OTHER	mmol/L	4.7	2.9%	9	418
Abbott ARCHITECT ci series BIOTEX \ Urease-UV-rate	mmol/L	4.84	2.5%	7	392
Roche Hitachi/Hitachi Systems LEADMAN \ OTHER	mmol/L	5.21	3.5%	35	1796
Roche Hitachi/Hitachi Systems Reebio \ Urease-UV-rate	mmol/L	4.81	2.9%	<5	118
Roche Hitachi/Hitachi Systems MAKER \ OTHER	mmol/L	5.16	5.6%	16	746
Mindray BS series Dedicated \ Urease-UV-rate	mmol/L	4.97	5.2%	14	530
Beckman AU series OTHER \ Urease colorimetry	mmol/L	4.91	3.8%	11	490
Roche cobas 4000/6000/8000 Roche \ Urease colorimetry	mmol/L	4.82	11.9%	<5	<100
Roche Hitachi/Hitachi Systems BIOBASE \ OTHER	mmol/L	5.18	3.1%	<5	<100
(VB12)维生素B12					
Roche cobas E601/602 Roche \ Electro-Chemiluminescence Immunoassay (ECLIA)	pg/mL	233	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	0.001	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。