报告类别： **汇总实验室数据报告**

质控品名： **血气与电解质非定值质控品**

REF	600-3	30×1.7mL	EXP	2026-09-18	LOT	39404D1	更新日期：	2025-02

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）
(K)钾	(Na)钠	(Cl)氯
(Ca)钙	(pH)酸碱度	(PO2)氧分压
(PCO2)二氧化碳分压		

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		批号：39404D1	
项目\仪器\试剂\方法	单位	均值	+/- 2 SD
(Ca)钙			
Roche cobas b 121/123/221 Dedicated \ ISE (direct)	mmol/L	0.773	0.751-0.795
Radiometer ABL Series OTHER \ ISE (direct)	mmol/L	0.778	0.766-0.79
Siemens RAPIDPoint 400/500 Dedicated \ ISE (direct)	mmol/L	0.741	0.713-0.769
OTHER OTHER \ ISE (direct)	mmol/L	0.736	0.651-0.821
Roche cobas b 121/123/221 Roche \ ISE (indirect)	mmol/L	0.828	0.662-0.994
Siemens RAPIDPoint 400/500 Siemens \ ISE (direct)	mmol/L	0.798	0.638-0.958
Radiometer ABL Series Rayto \ ISE (indirect)	mmol/L	0.818	0.654-0.982
(Cl)氯			
Roche cobas b 121/123/221 Dedicated \ ISE (direct)	mmol/L	115	113-117
Radiometer ABL Series Dedicated \ ISE (direct)	mmol/L	119	118-120
Siemens RAPIDPoint 400/500 Dedicated \ ISE (direct)	mmol/L	120	118-122
Siemens RAPIDPoint 400/500 Siemens \ ISE (direct)	mmol/L	135	108-162
IL Gem Premier 3000 series Werfen \ ISE (direct)	mmol/L	137	110-164
Radiometer ABL Series Rayto \ ISE (direct)	mmol/L	136	109-163
(K)钾			
Roche cobas b 121/123/221 Dedicated \ ISE (direct)	mmol/L	6.02	5.88-6.16
Siemens RAPIDPoint 400/500 Dedicated \ ISE (direct)	mmol/L	5.9	5.83-5.97
Radiometer ABL Series Dedicated \ ISE (direct)	mmol/L	5.76	5.66-5.86
OTHER OTHER \ ISE (direct)	mmol/L	5.92	5.71-6.13
Siemens RAPIDPoint 400/500 Siemens \ ISE (direct)	mmol/L	5.75	4.6-6.9
IL Gem Premier 3000 series Werfen \ ISE (direct)	mmol/L	5.69	4.55-6.83
Radiometer ABL Series Rayto \ ISE (direct)	mmol/L	5.84	4.67-7.01
(Na)钠			
Roche cobas b 121/123/221 Dedicated \ ISE (direct)	mmol/L	149	147-151
Radiometer ABL Series Dedicated \ ISE (direct)	mmol/L	150	149-151
Siemens RAPIDPoint 400/500 Dedicated \ ISE (direct)	mmol/L	148	147-149
OTHER OTHER \ ISE (direct)	mmol/L	152	148-156
IL Gem Premier 3000 series Werfen \ ICP-MS	mmol/L	160	128-192
Radiometer AQTSeries Rayto \ ISE (direct)	mmol/L	158	126-190
Radiometer ABL Series Rayto \ ISE (direct)	mmol/L	159	127-191
(PCO2)二氧化碳分压			
Roche cobas b 121/123/221 Dedicated \ Electrode	mmHg	21	19.2-22.8
Radiometer ABL Series Dedicated \ Electrode	mmHg	21.9	21-22.8
Siemens RAPIDPoint 400/500 Dedicated \ Electrode	mmHg	22.8	21.3-24.3
OTHER OTHER \ Electrode	mmHg	22.3	18.8-25.8
Nova Stat Profile pHOx series Dedicated \ Electrode	mmHg	20.4	16.3-24.5
IL Gem Premier 3000 series Dedicated \ Electrode	mmHg	18.1	14.5-21.7
Radiometer ABL Series Rayto \ Electrode	mmHg	17.8	14.2-21.4
Roche cobas b 121/123/221 Roche \ Electrode	mmHg	12.7	10.2-15.2
Radiometer AQTSeries Rayto \ Electrode	mmHg	16	12.8-19.2
(pH)酸碱度			
Roche cobas b 121/123/221 Dedicated \ Electrode	No Units	7.56	7.53-7.59
Radiometer ABL Series Dedicated \ Electrode	No Units	7.56	7.54-7.58
Siemens RAPIDPoint 400/500 Dedicated \ Electrode	No Units	7.57	7.55-7.59
OTHER OTHER \ Electrode	No Units	7.57	7.52-7.62
Roche cobas b 121/123/221 Roche \ Electrode	No Units	7.64	6.11-9.17

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Radiometer AQTSeries Rayto \ Electrode	No Units	7.75	6.2-9.3
IL Gem Premier 3000 series Dedicated \ Electrode	No Units	7.66	6.13-9.19
Radiometer ABL Series Rayto \ Electrode	No Units	7.7	6.16-9.24
Radiometer ABL Series Radiometer \ Electrode	No Units	7.57	7.55-7.59
(PO2)氧分压			
Roche cobas b 121/123/221 Dedicated \ Electrode	mmHg	152	142-162
Radiometer ABL Series Dedicated \ Electrode	mmHg	142	136-148
Siemens RAPIDPoint 400/500 Dedicated \ Electrode	mmHg	144	139-149
OTHER OTHER \ Electrode	mmHg	167	135-199
Roche cobas b 121/123/221 Roche \ Electrode	mmHg	143	114-172
Radiometer ABL Series Rayto \ Electrode	mmHg	136	109-163
Radiometer AQTSeries Dedicated \ Electrode	mmHg	129	103-155
IL Gem Premier 3000 series Dedicated \ Electrode	mmHg	144	115-173
Nova Stat Profile pHOx series Dedicated \ Electrode	mmHg	157	126-188

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。