BeckmanCoulter

AU系列培训

DXC700AU 操作介绍

郑振寰

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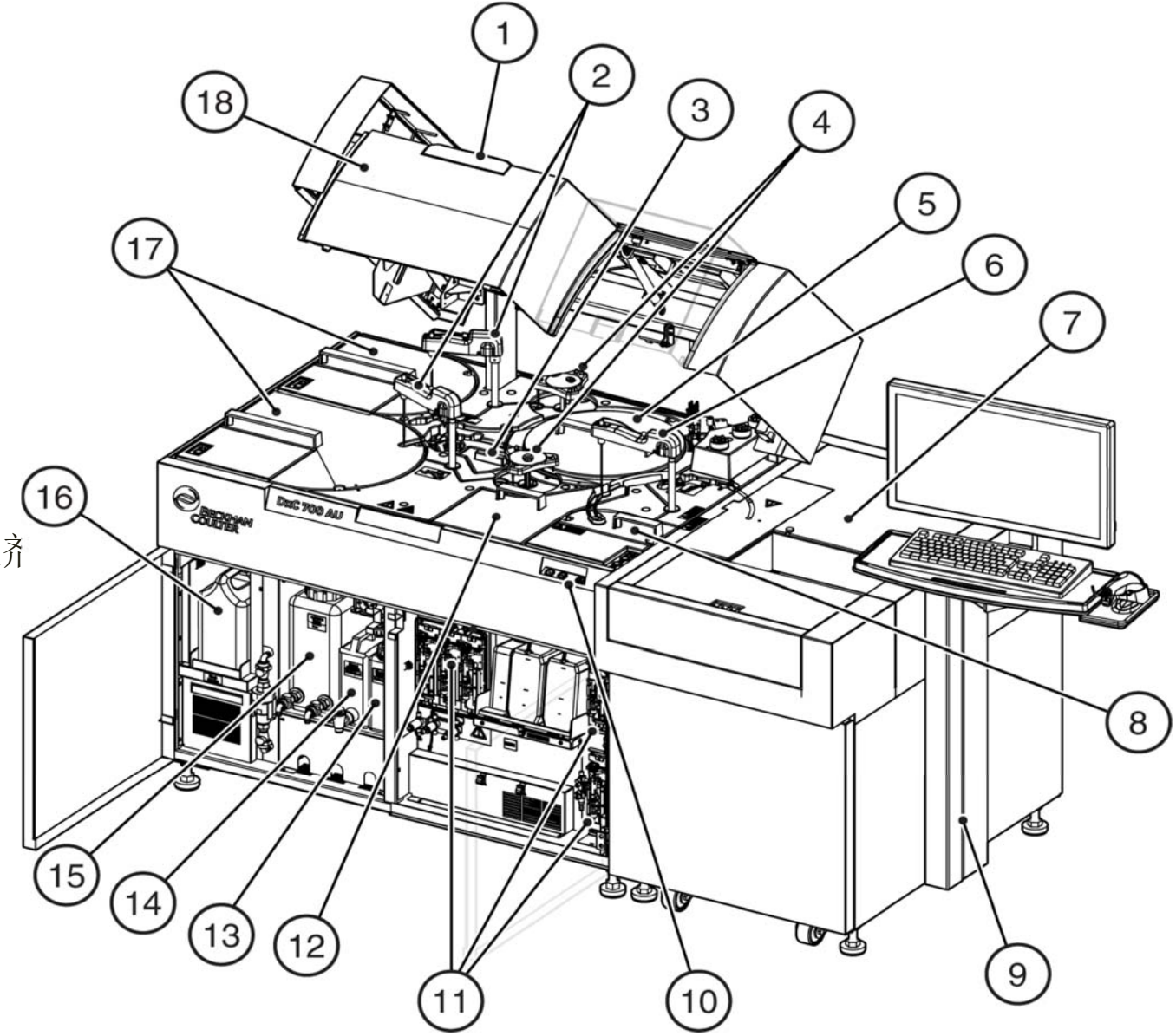
目录

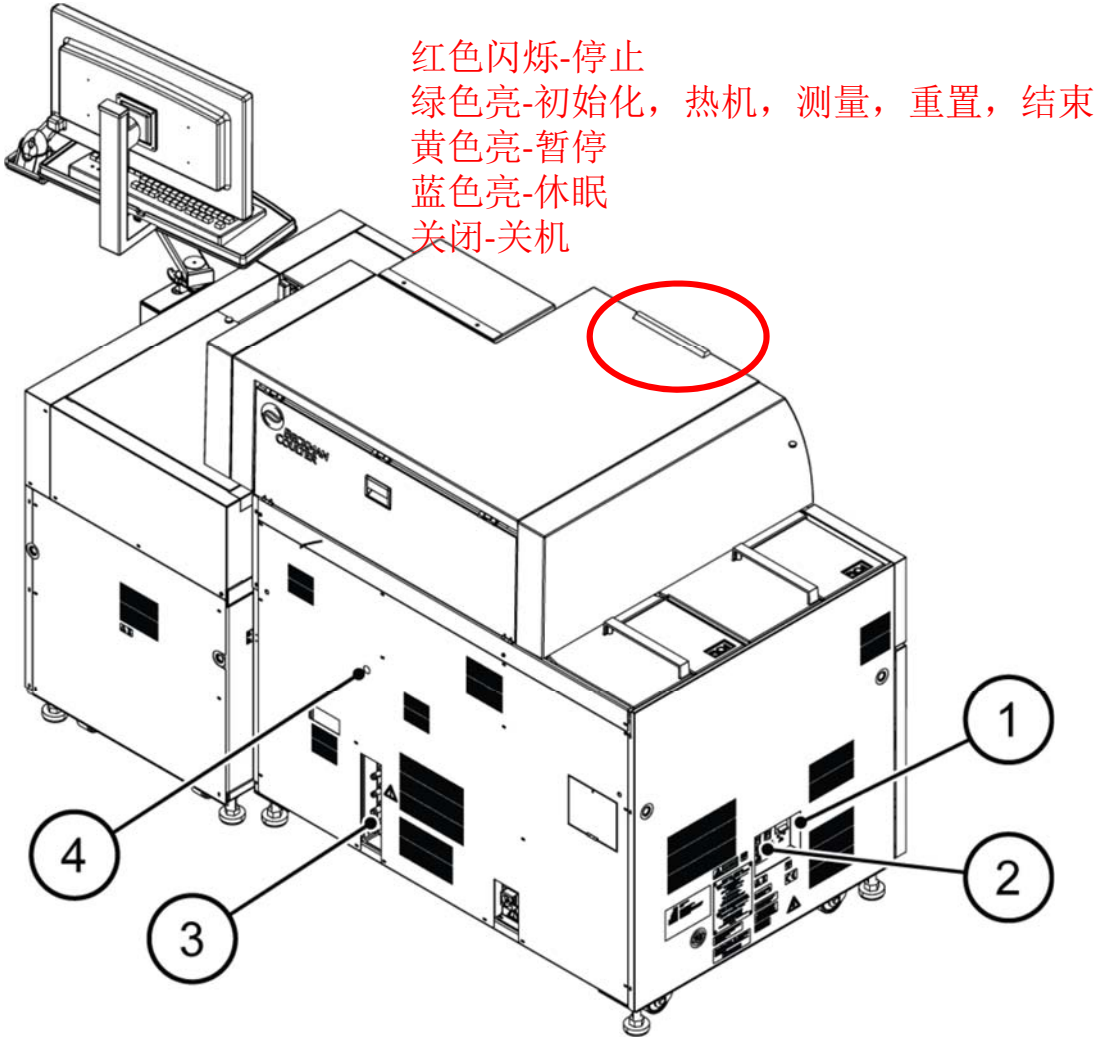
1 结构

DXC700AU的主机结构框架基于AU680。
主要变化在于上盖，主上盖分成三个部分。两个试剂盘单独有盖板。
主盖板上增加状态指示灯。

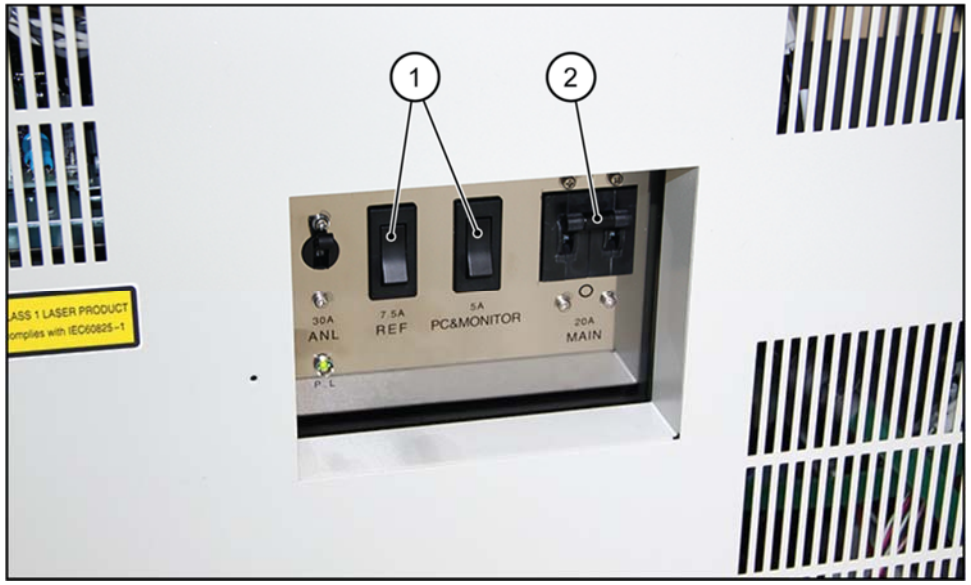
1. 状态指示
2. 试剂针臂
3. 光度计单元
4. 搅拌机构
5. 反应盘
6. 样品针臂
7. 进样器
8. 急诊盘
9. 监视器臂
10. 操作按钮
11. 注射器单元
12. ISE单元
13. 清洗剂
14. 稀释清洗剂
15. 水箱
16. 5L清洗剂
17. 试剂仓
18. 上盖

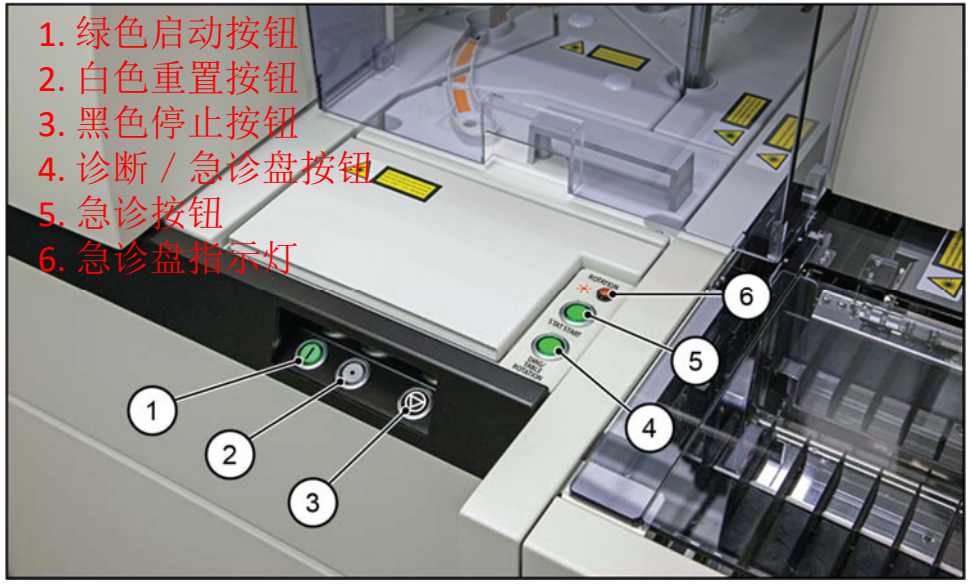


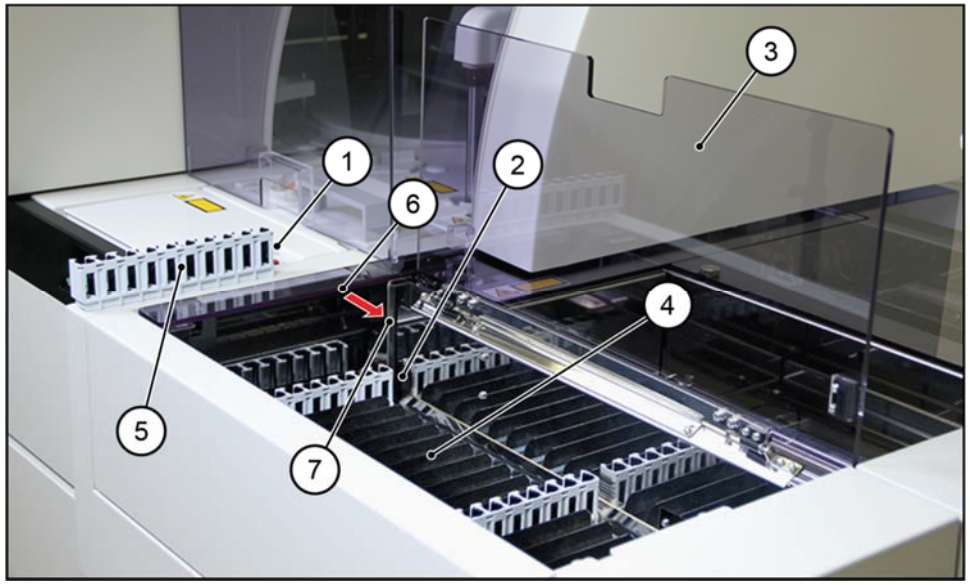
1. 断路器　　2. 电源
3. 供水排水管道　　4. 黄色诊断开关



红色闪烁-停止
绿色亮-初始化，热机，测量，重置，结束
黄色亮-暂停
蓝色亮-休眠
关闭-关机

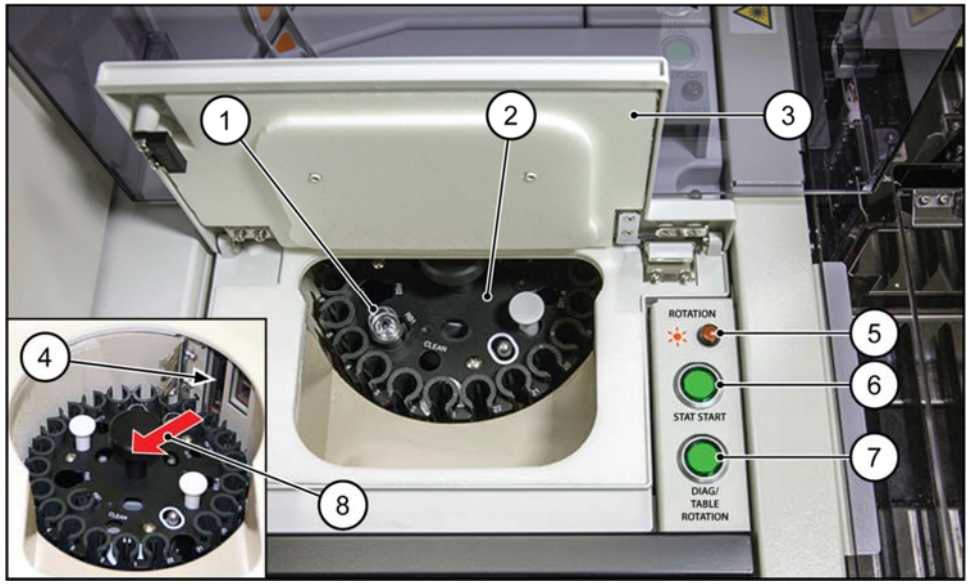






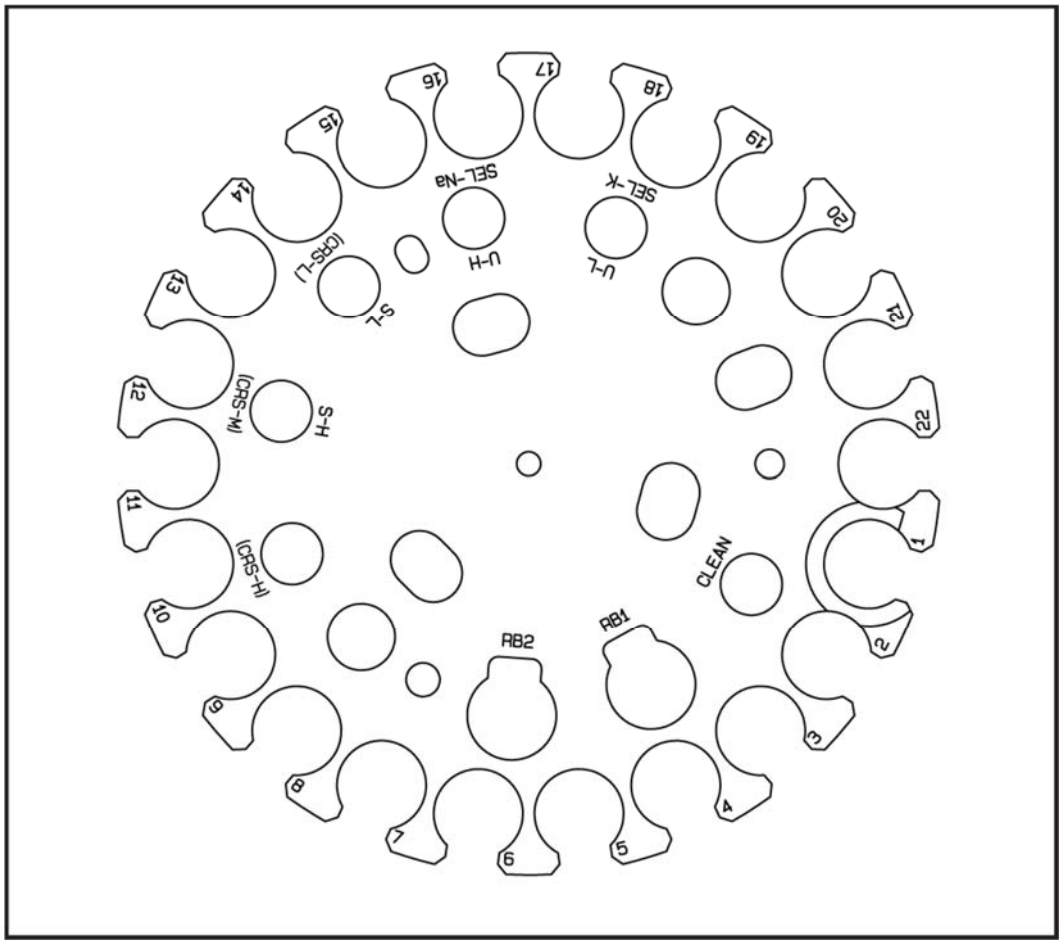
进样器

1. 架条码
2. 条码阅读器窗口
3. 上盖
4. 架装载区
5. 试管架
6. 样品条码阅读器窗口
7. 条码光束

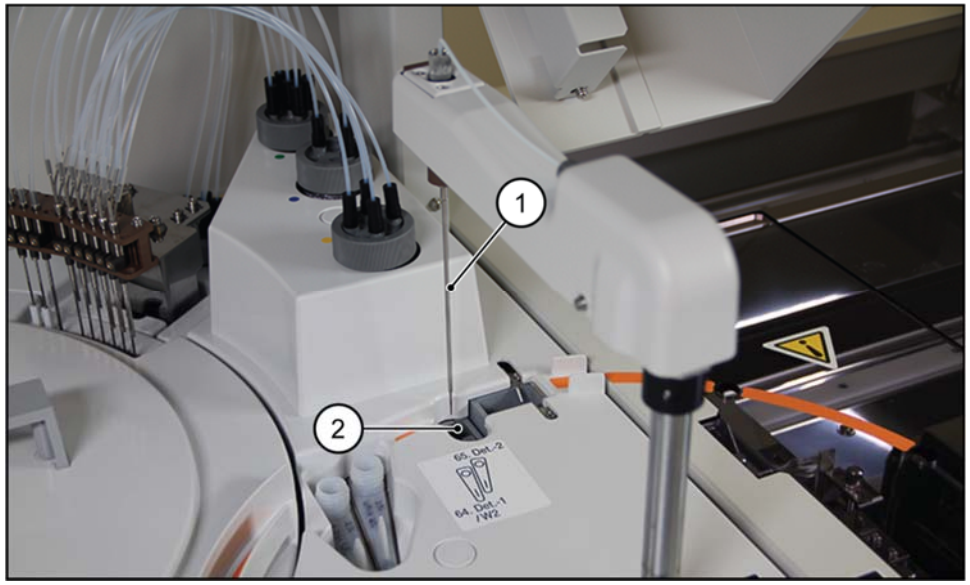


急诊盘

1. 样品杯/试管
2. 急诊盘
3. 小急诊盘盖
4. 条码阅读器窗口
5. 急诊盘旋转LED
6. 急诊开始按钮
7. 诊断/急诊盘旋转按钮
8. 条码阅读器光束

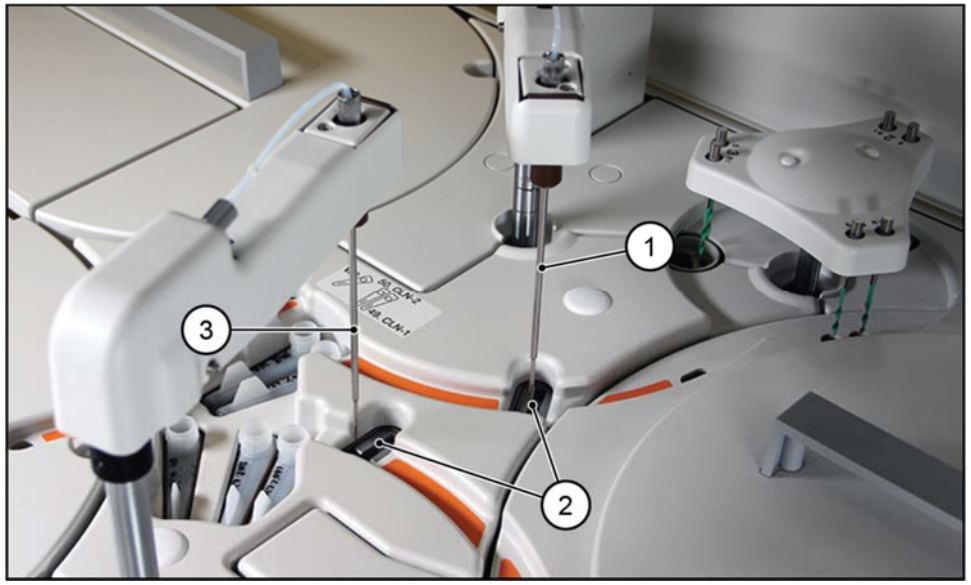


No.1-No.22 病人样品、质控品、校准品
S-H ISE高值血清校准品
S-L ISE低值学血清校准皮
U-H ISE高值尿液校准品
U-L ISE低值尿液校准品
CRS-H ISE高值标准参考溶液（仅日本）
CRS-M ISE中值标准参考溶液（仅日本）
CRS-L ISE低值标准参考溶液（仅日本）
CLEAN ISE清洗剂
SEL-K ISE选择性检查溶液(K)
SEL-Na ISE选择性检查溶液(Na)
RB-1, RB-2 试剂空白



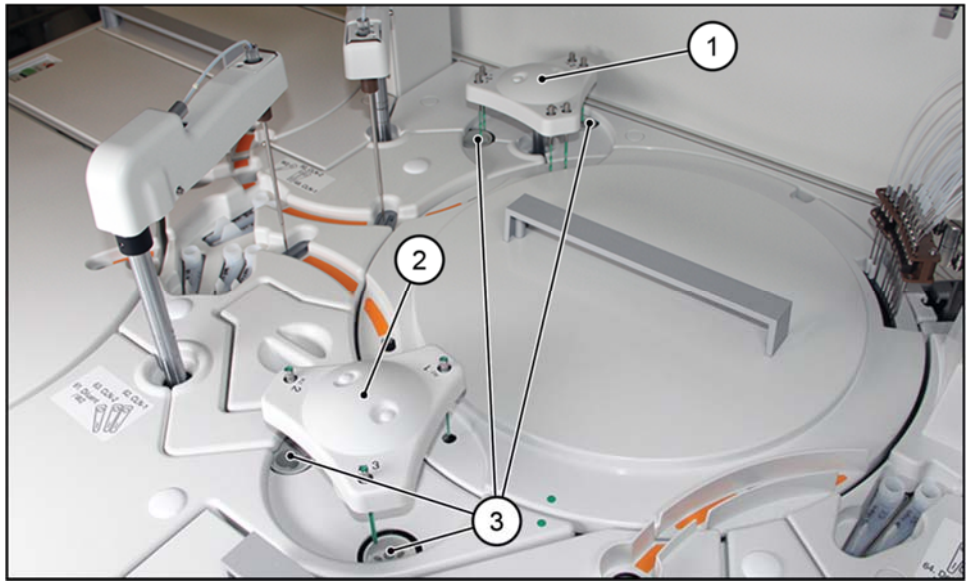
样品针臂

1. 样品针
2. 冲洗池



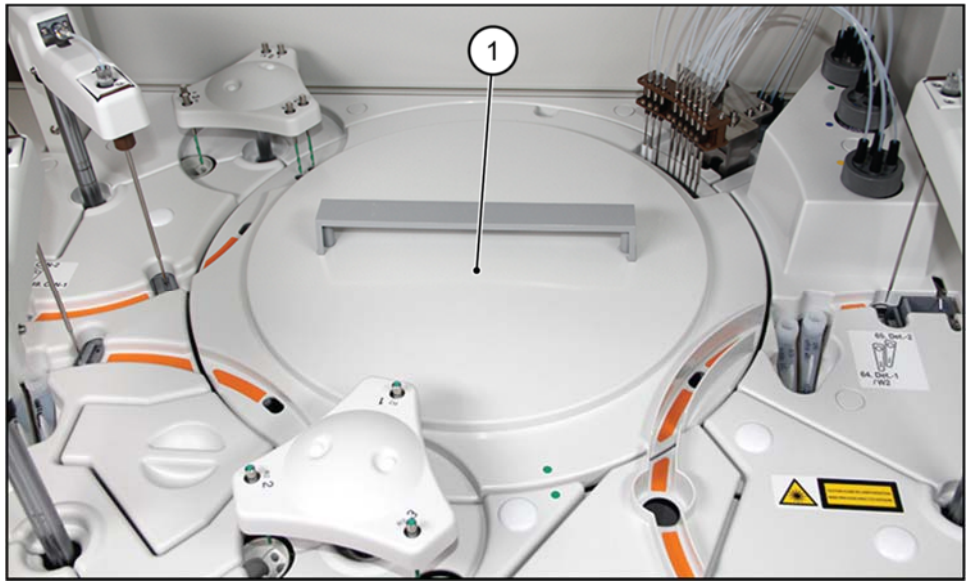
冲洗针臂

1. 试剂针
2. 冲洗池

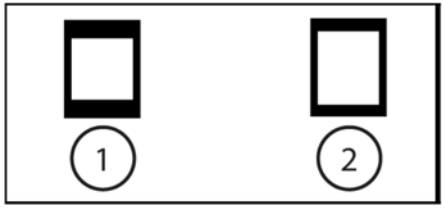


搅拌单元

1. R1/S搅拌单元
2. R2搅拌单元
3. 冲洗池

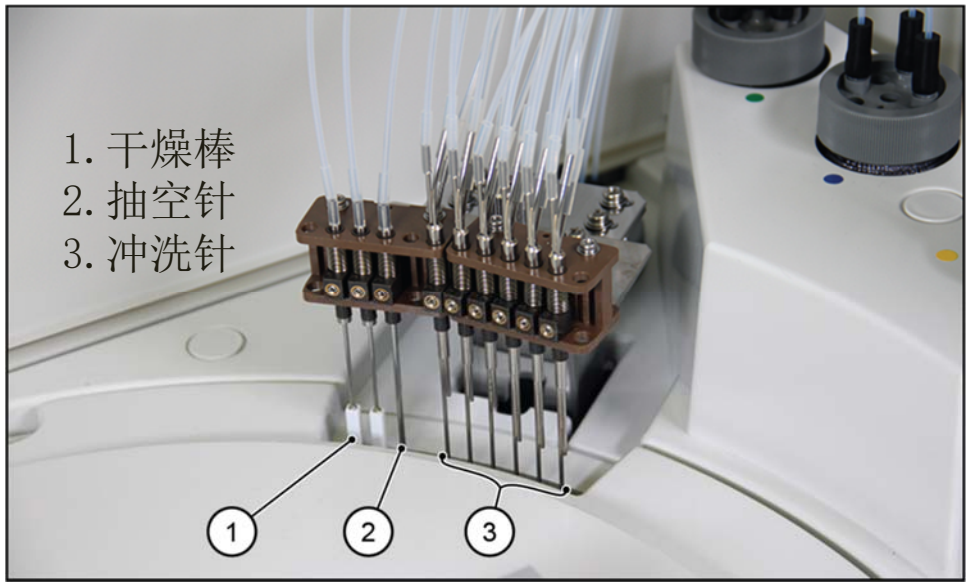


反应盘



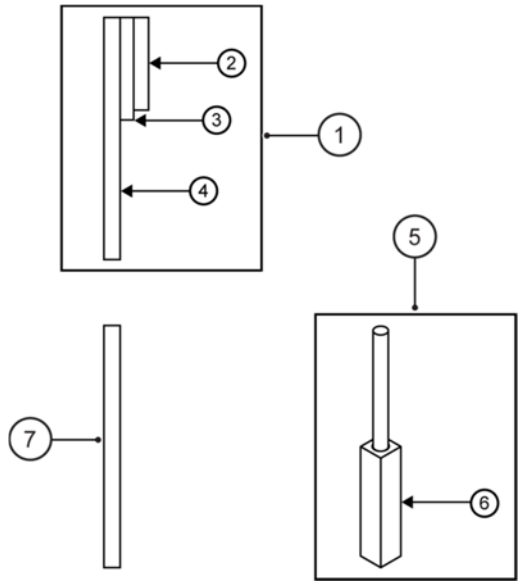
反应杯DXC700AU与AU反应杯不同，是5×5mm正方。

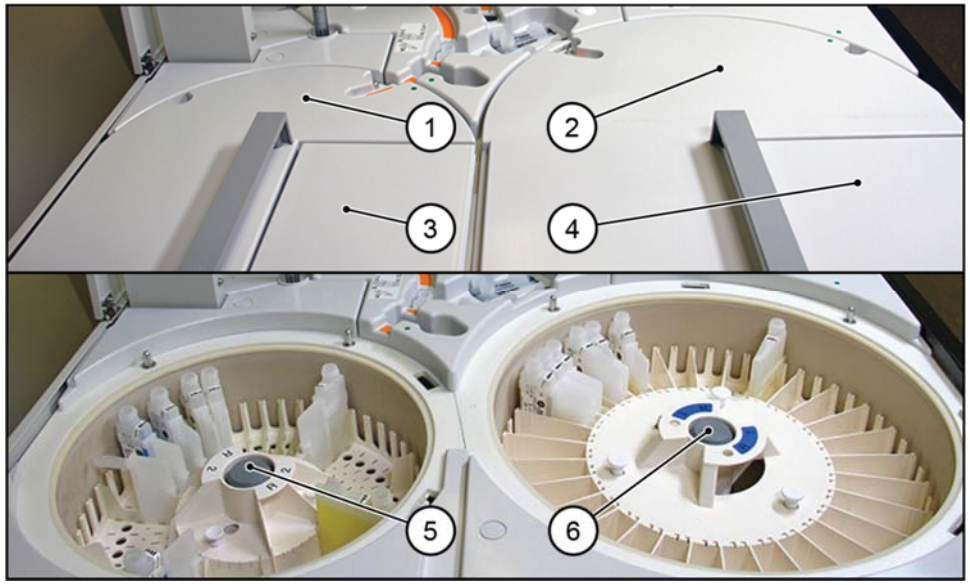
光度计灯室



冲洗站

1. 冲洗针
2. 溢流针
3. 吐水针
4. 吸取针
5. 干燥针
6. 干燥棒
7. 抽空针



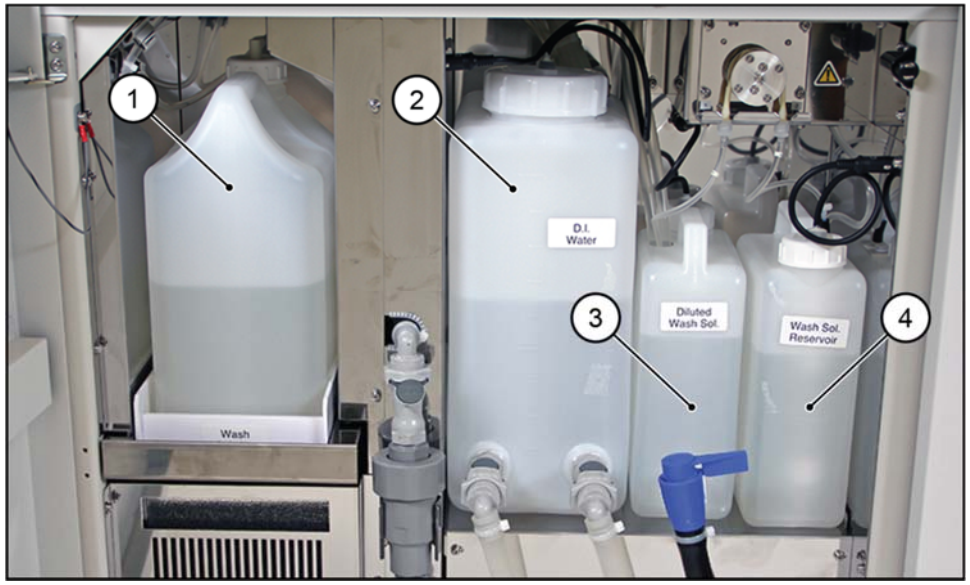


试剂盘

1. R2试剂仓盖
2. R1试剂仓盖
3. R2试剂仓小盖
4. R1试剂仓小盖
5. R2试剂仓
6. R1试剂仓

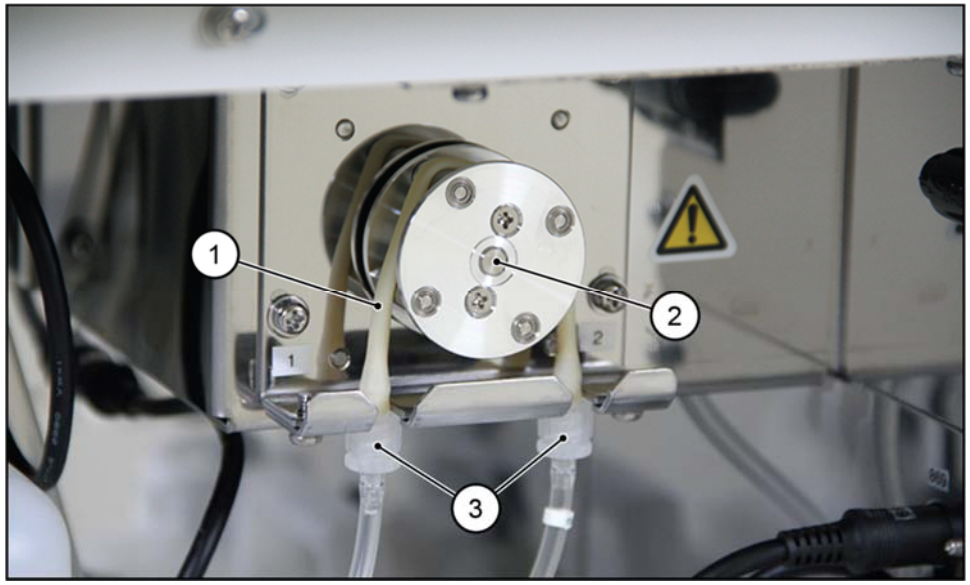
注射器

1. R2蓝色注射器
2. R1蓝色注射器
3. ISE缓冲液注射器
4. 黄色样品注射器
5. 蓝色冲洗注射器



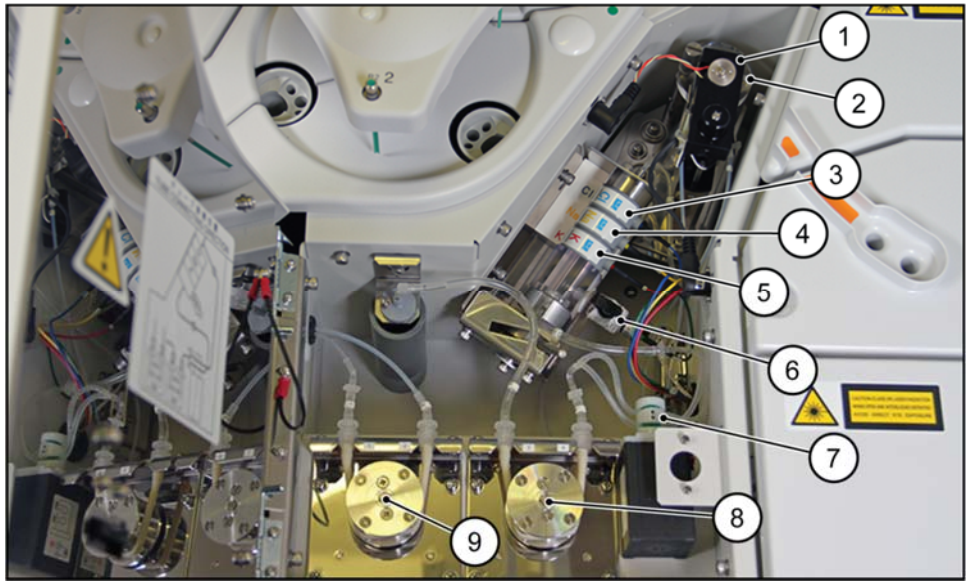
前仓试剂

1. 5L清洗剂
2. 水箱
3. 稀释清洗剂
4. 2L清洗剂



清洗剂蠕动泵

1. 蠕动泵管
2. 蠕动泵
3. 接头

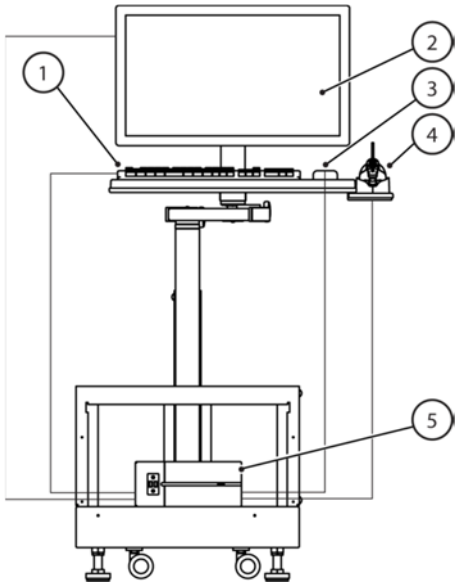


ISE单元

1. 搅拌装置
2. 样品杯
3. Cl 电极
4. Na 电极
5. K 电极
6. REF 电极
7. 夹断阀
8. 混合样品吸取蠕动泵
9. 中标液吸取蠕动泵

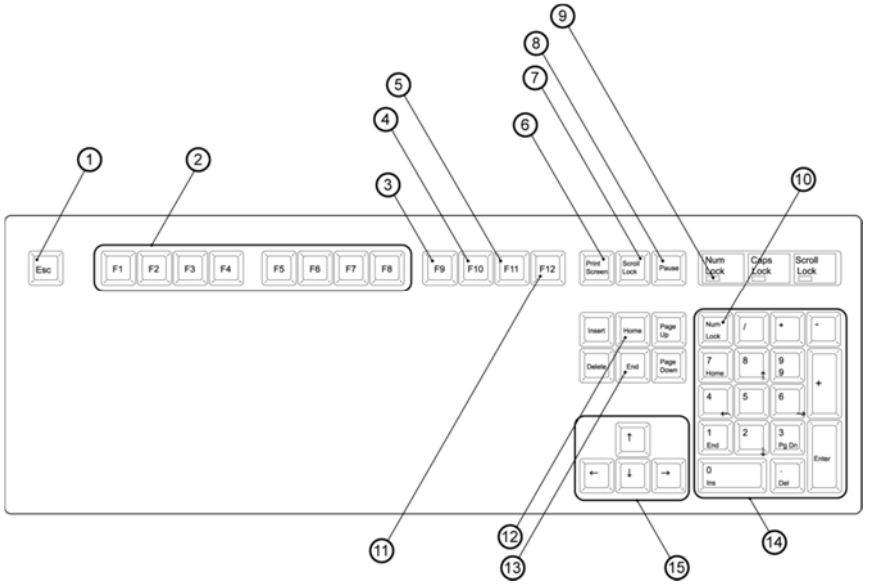
ISE前仓试剂

1. ISE 参比液
2. ISE 中标液
3. ISE 缓冲液
4. ISE 操作LED



控制电脑

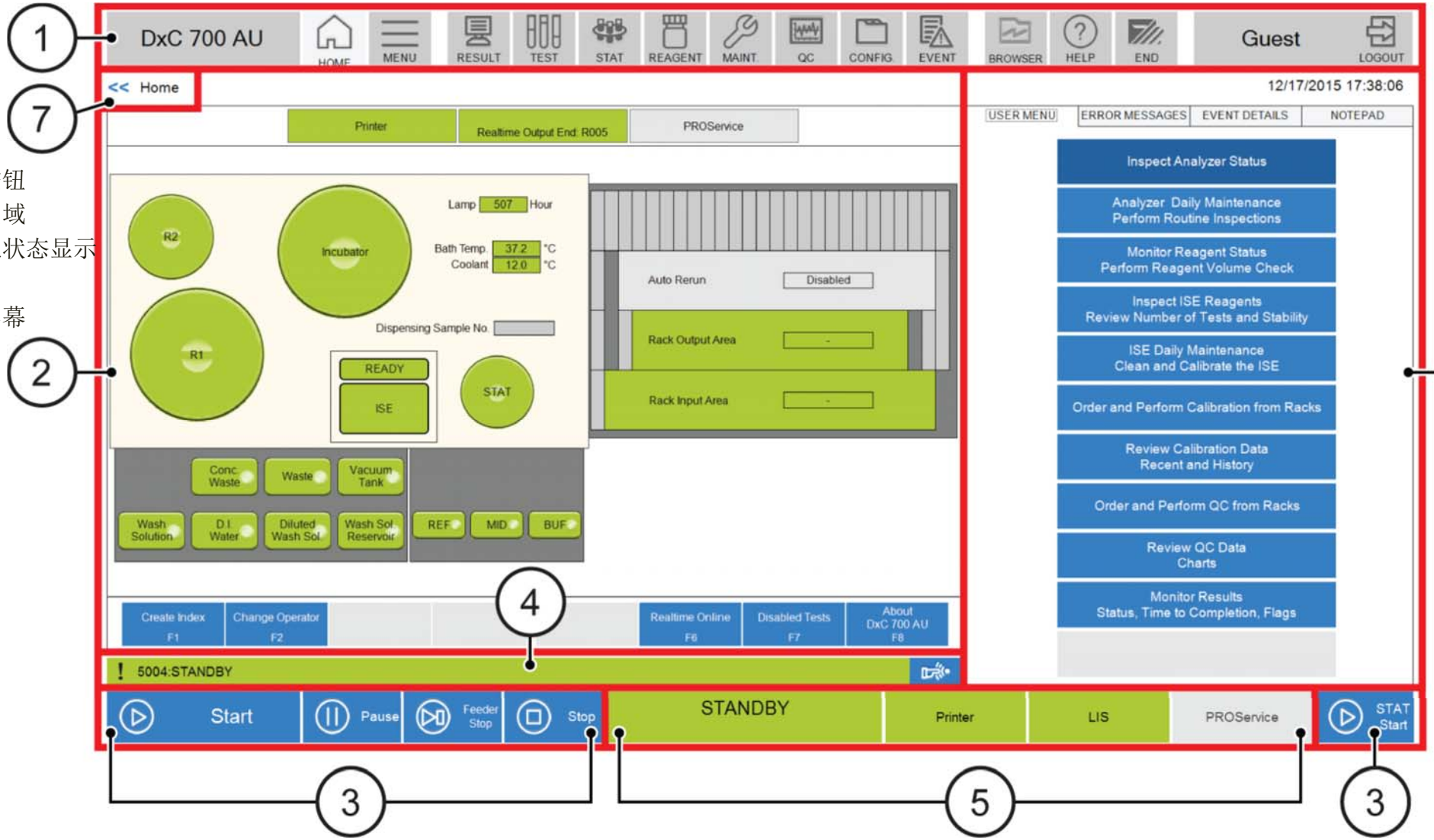
1. 键盘
2. 监视器
3. 鼠标
4. 手工条码阅读器
5. 电脑



1. ESC键
2. F1-F8功能键
3. F9开始键
4. F10暂停键
5. F11进样器停止键
6. Print Screen屏幕打印键
7. Scroll Lock菜单列表键
8. Pause事件清除键
9. Num Lock数字小键盘指示
10. 数字小键盘切换
11. F12 停止或休眠键
12. Home 复位键
13. End 关机键
14. 数字键
15. ↑，↓，←，→方向键

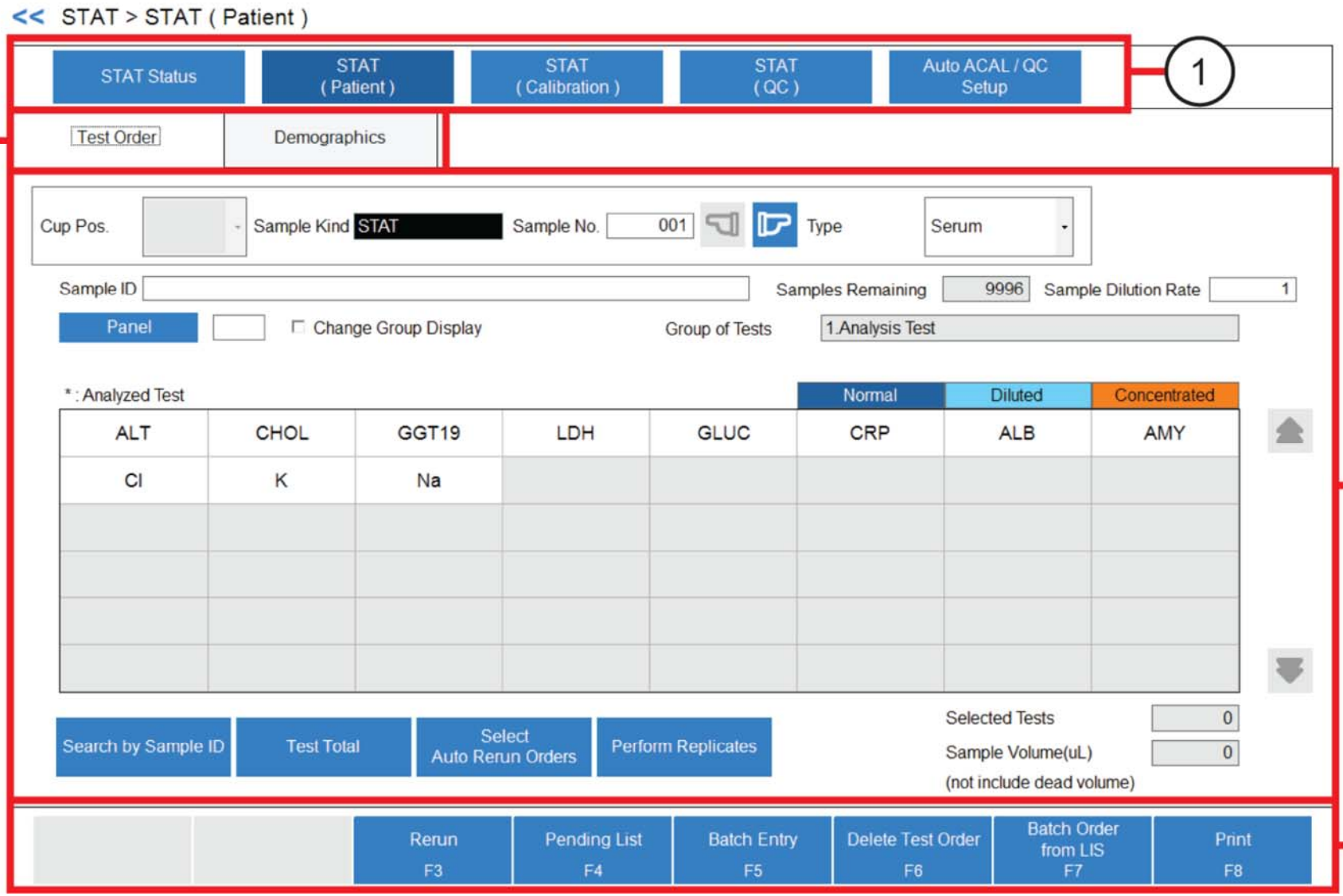
软件界面

1. 导航菜单
2. 主工作区
3. 蓝色活动按钮
4. 事件显示区域
5. 绿色或白色状态显示
6. 子工作区
7. 返回上一屏幕

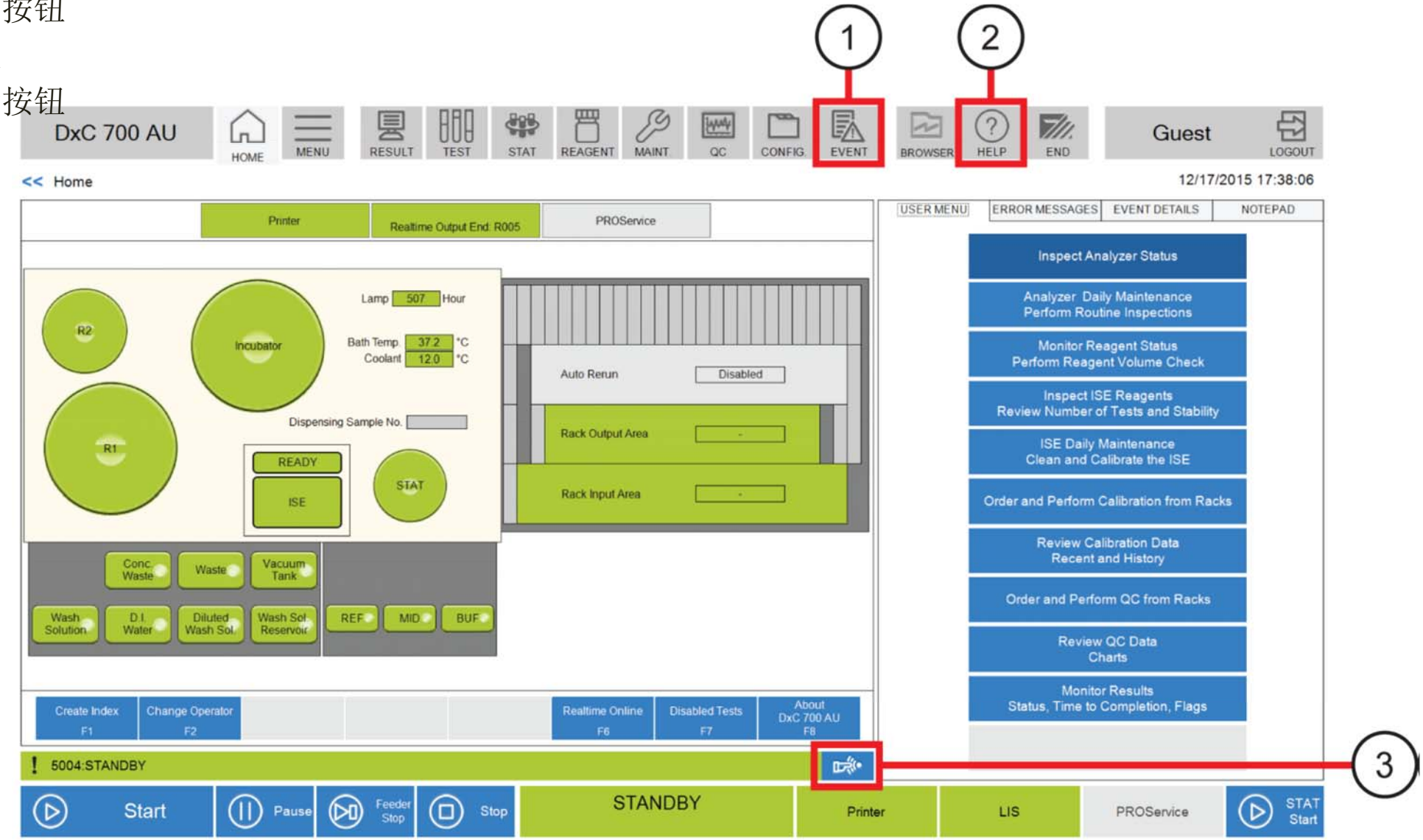


主工作区

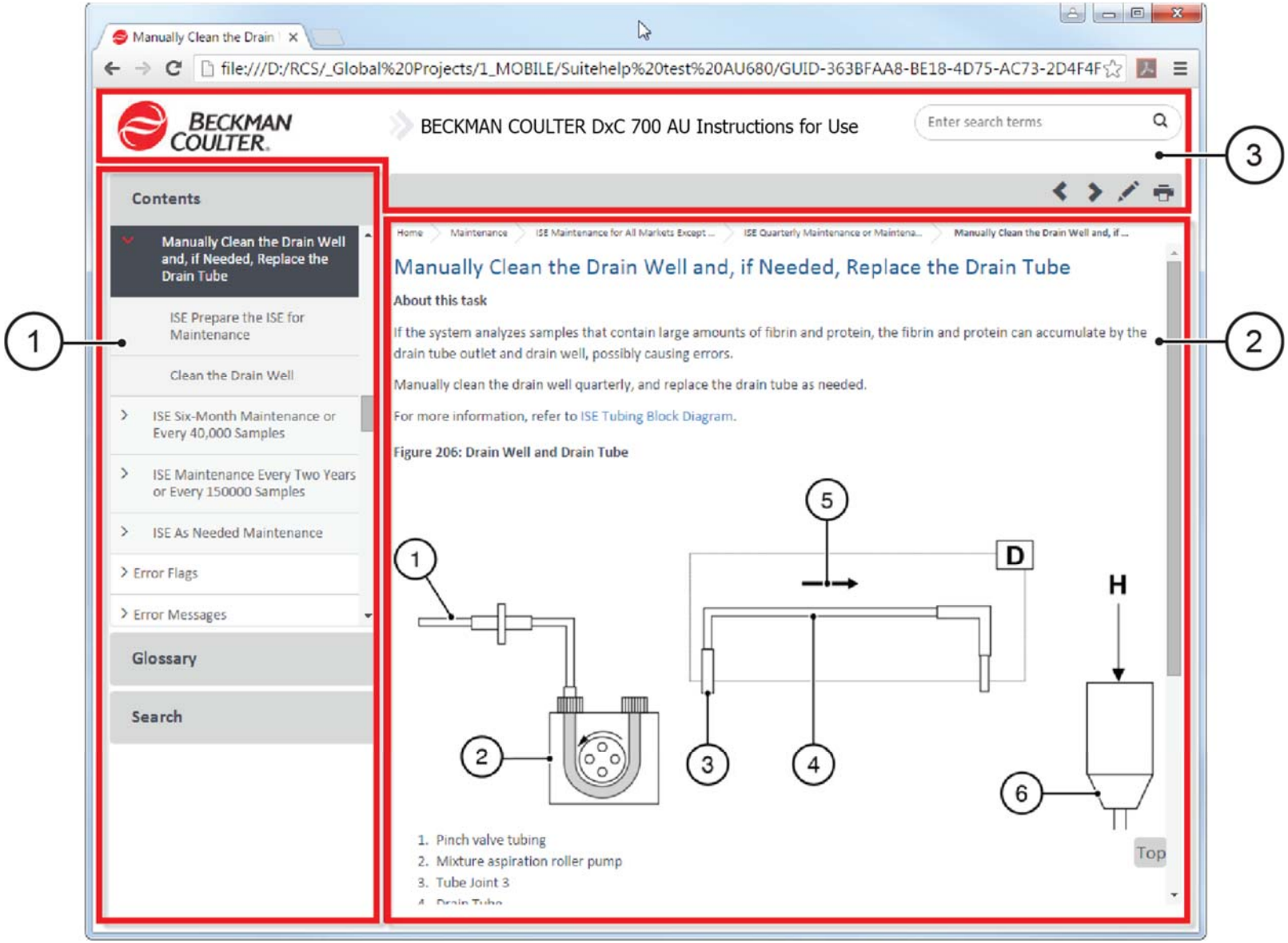
1. 屏幕按钮
2. 标签页
3. 操作区
4. 功能按钮



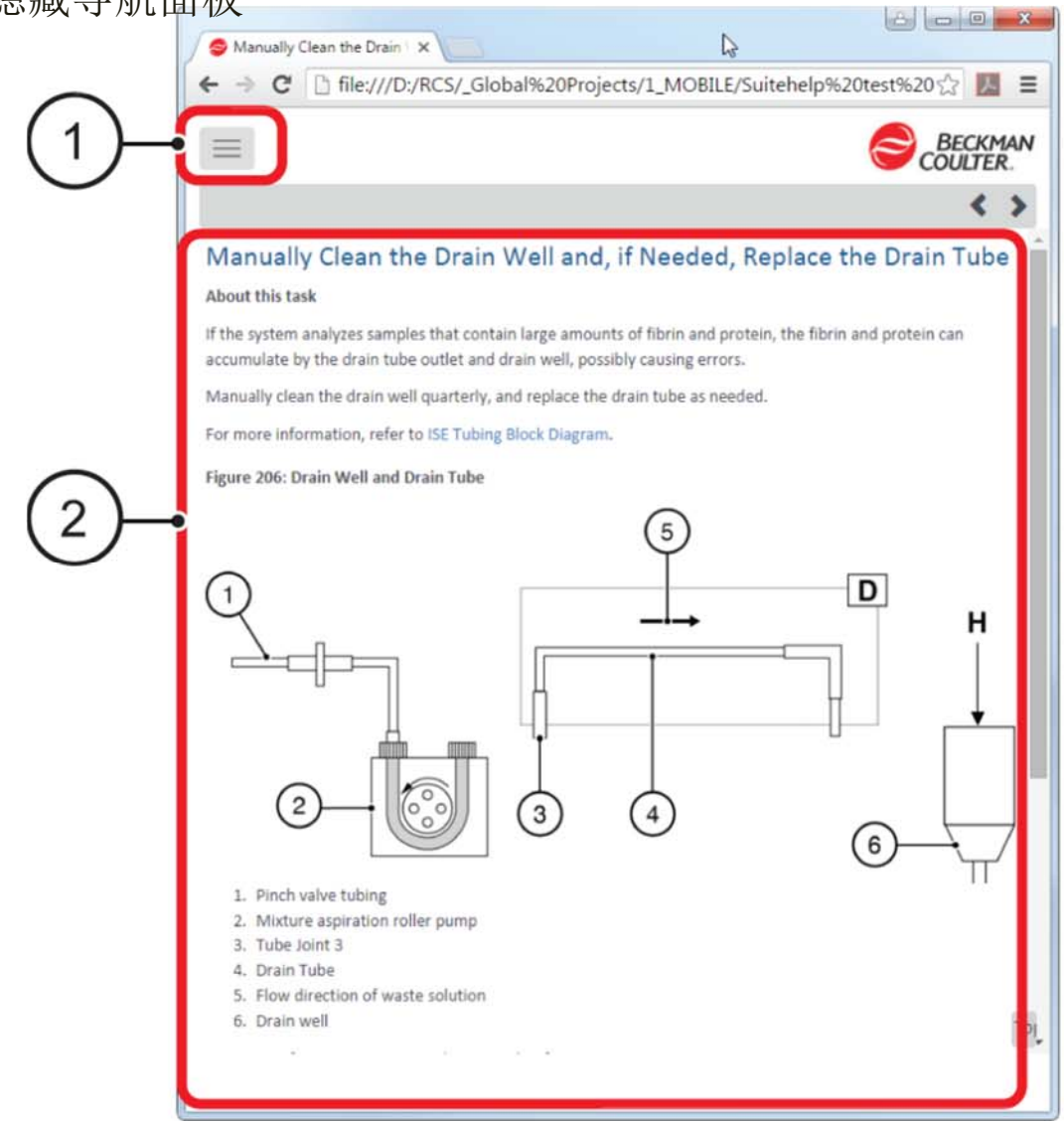
1. 事件日志按钮
2. 帮助按钮
3. 事件清除按钮

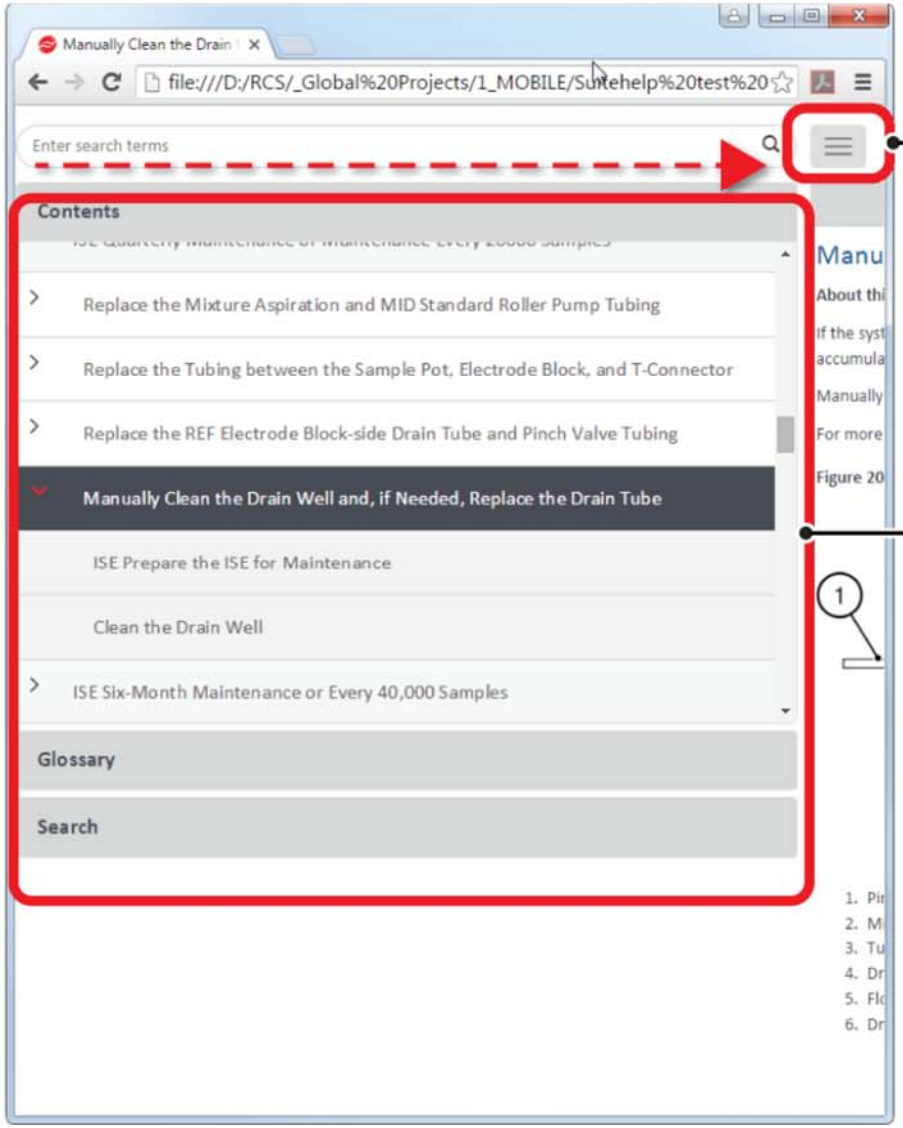


1. 导航面板
2. 信息面板
3. 附加控制



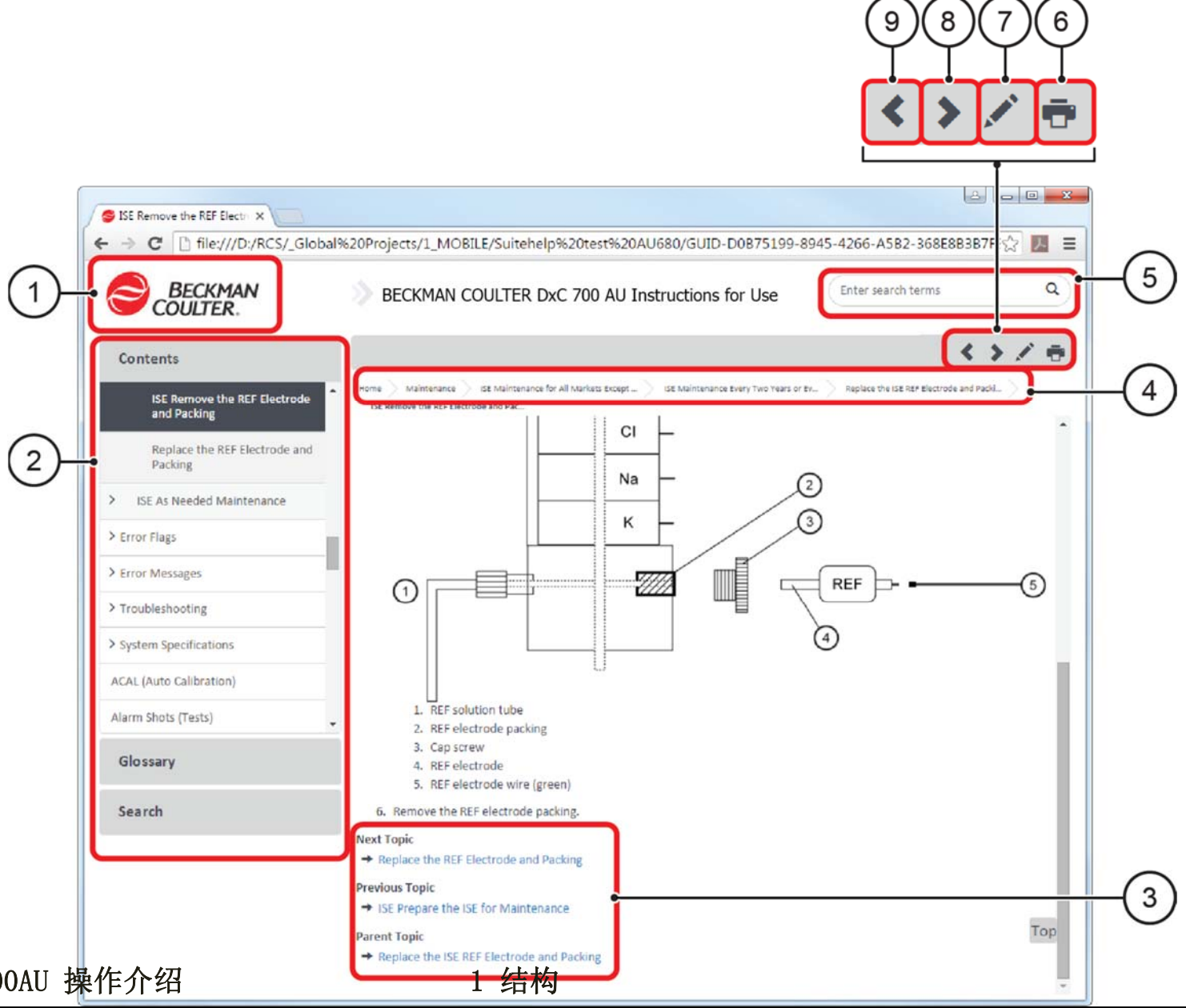
隐藏导航面板


1
2
Manually Clean the Drain
file:///D:/RCS/_Global%20Projects/1_MOBILE/Suitehelp%20test%20
BECKMAN COULTER
Manually Clean the Drain Well and, if Needed, Replace the Drain Tube
About this task
If the system analyzes samples that contain large amounts of fibrin and protein, the fibrin and protein can accumulate by the drain tube outlet and drain well, possibly causing errors.
Manually clean the drain well quarterly, and replace the drain tube as needed.
For more information, refer to ISE Tubing Block Diagram.
Figure 206: Drain Well and Drain Tube
D
H
1. Pinch valve tubing
2. Mixture aspiration roller pump
3. Tube Joint 3
4. Drain Tube
5. Flow direction of waste solution
6. Drain well


1
3
Manually Clean the Drain
file:///D:/RCS/_Global%20Projects/1_MOBILE/Suitehelp%20test%20
Enter search terms
Contents
Replace the Mixture Aspiration and MID Standard Roller Pump Tubing
Replace the Tubing between the Sample Pot, Electrode Block, and T-Connector
Replace the REF Electrode Block-side Drain Tube and Pinch Valve Tubing
Manually Clean the Drain Well and, if Needed, Replace the Drain Tube
ISE Prepare the ISE for Maintenance
Clean the Drain Well
ISE Six-Month Maintenance or Every 40,000 Samples
Glossary
Search

导航控制

1. 主页
2. 导航面板
3. 相关链接
4. 分层链接
5. 搜索条
6. 打印
7. 高亮显示搜索切换
8. 下一个主题
9. 上一个主题



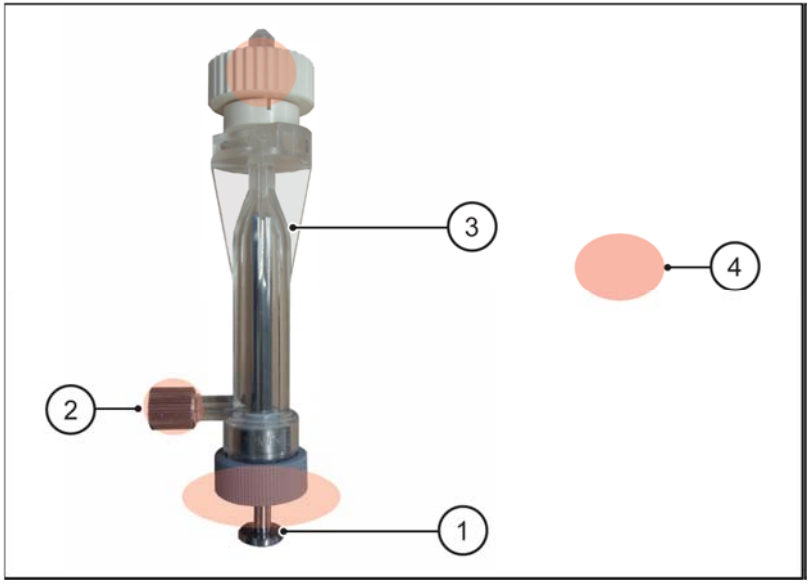
2 每日使用注意事项

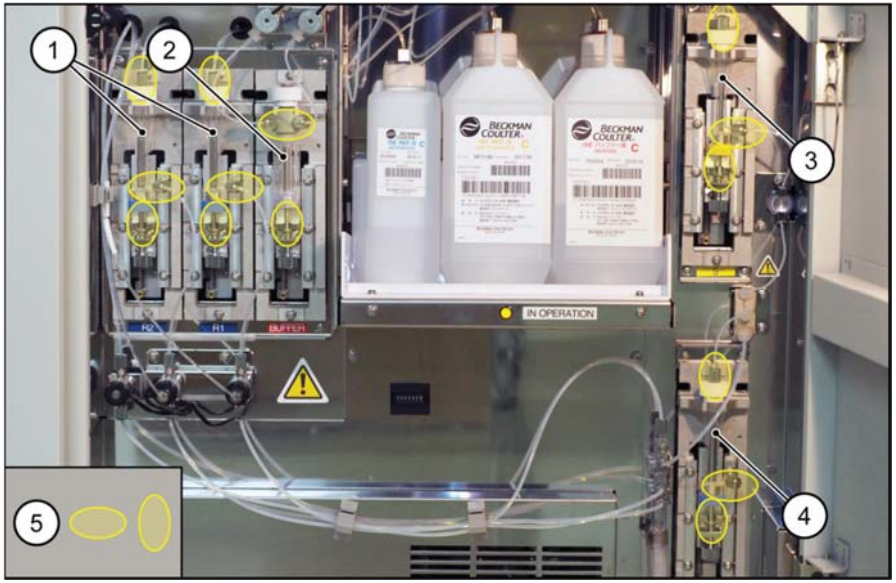
DXC700AU的每日开机流程与AU680完全一致。

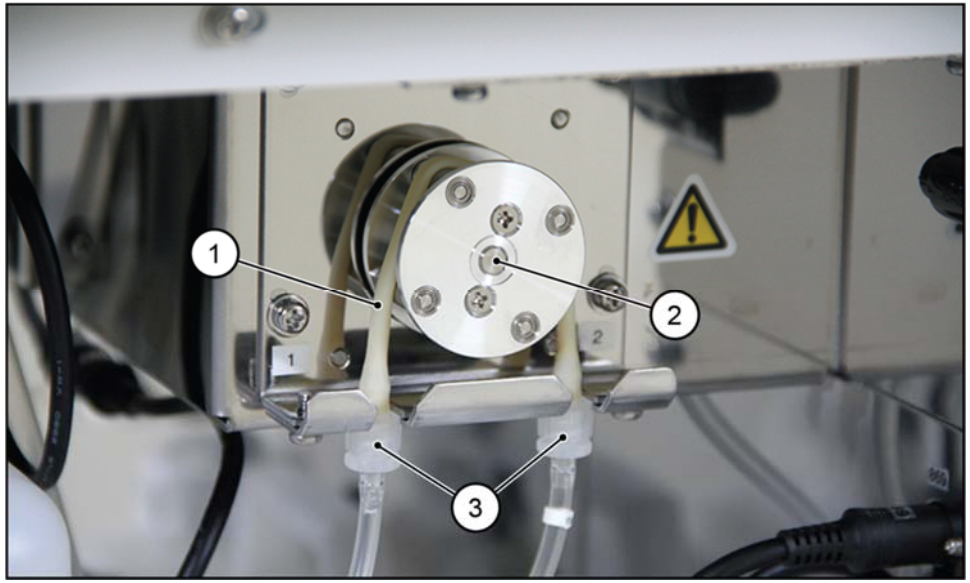
2.1 例行检查

检查试剂、清洗剂余量，检查进水状态。

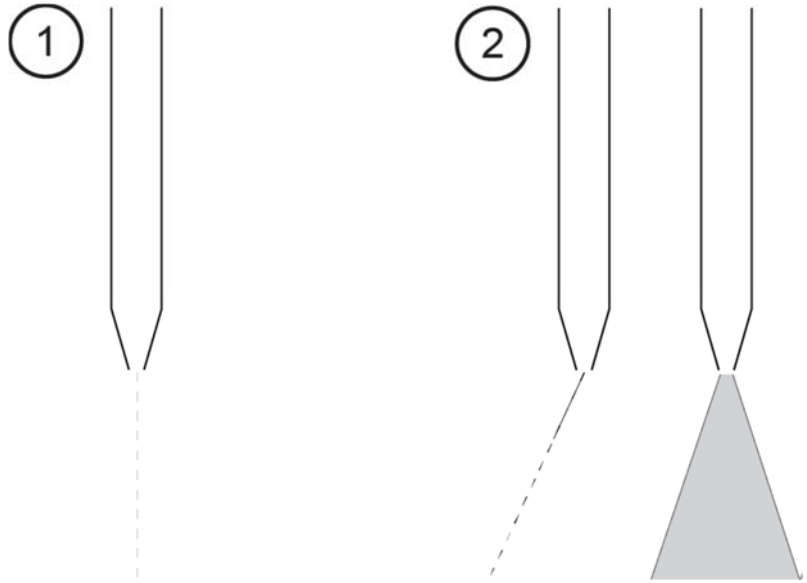
检查可能存在的泄漏。

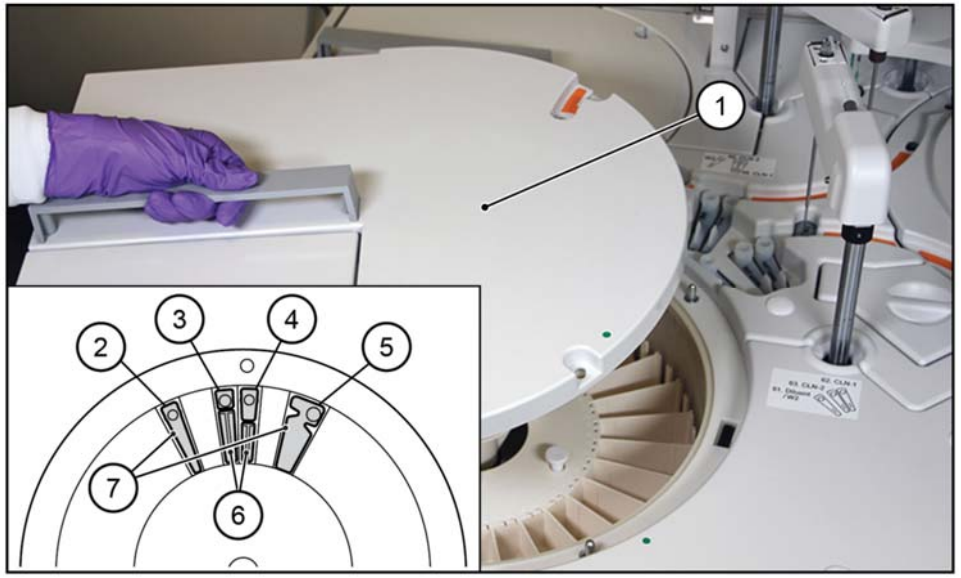






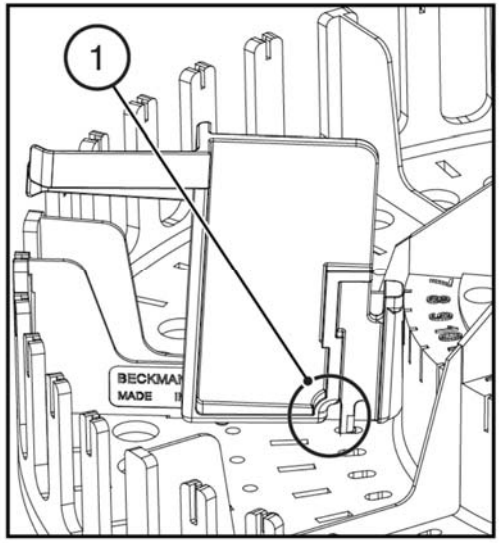
检查可能
存在的堵塞

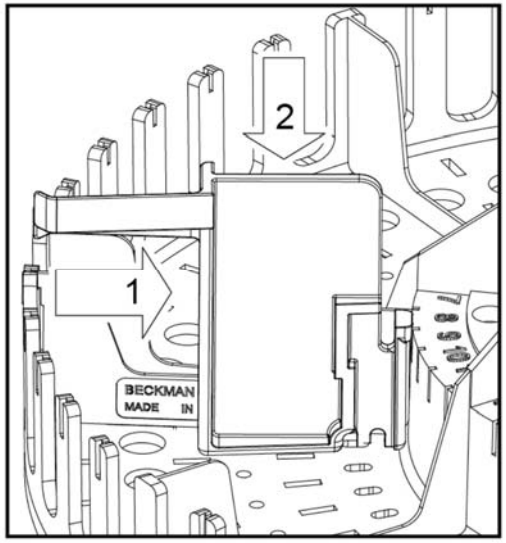


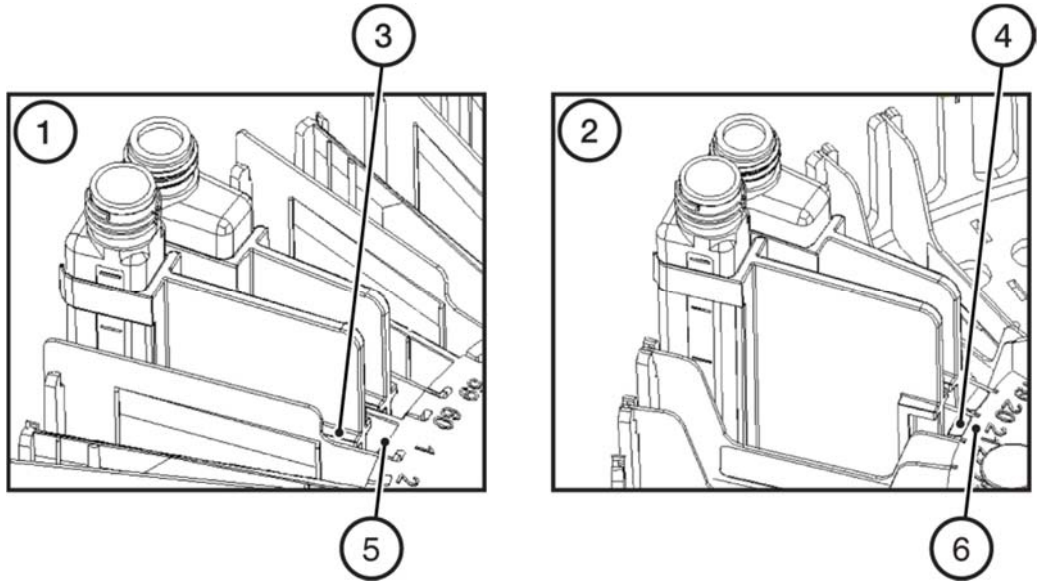


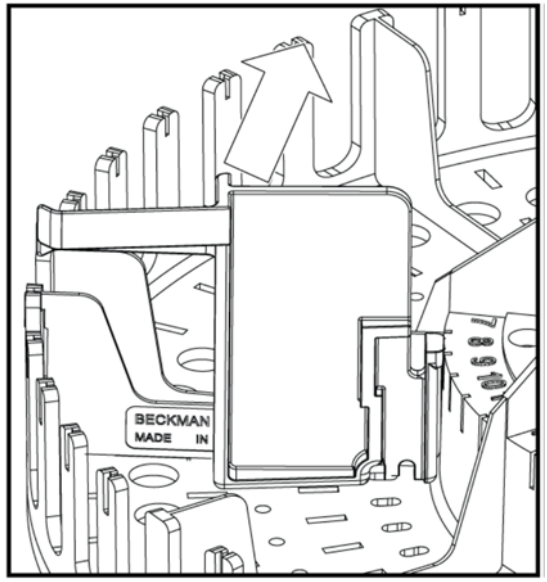
支持的试剂瓶

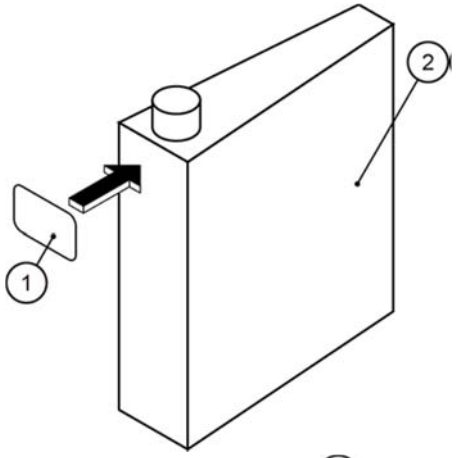
1. 试剂仓盖
2. 60ml试剂瓶
3. 15ml试剂瓶
4. 30ml试剂瓶
5. 120ml试剂瓶
6. 适配器
7. 间隔



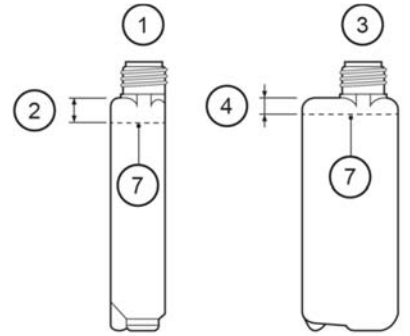


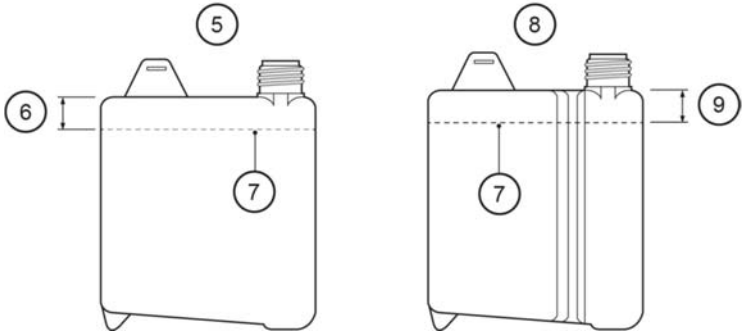






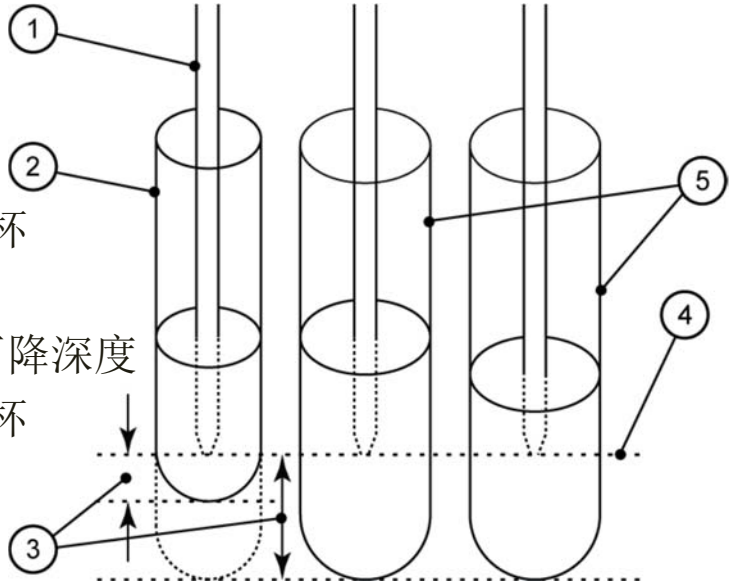
1. 15 mL瓶
2. 8 mm
3. 30 mL瓶
4. 4 mm
5. 60 mL瓶
6. 12 mm
7. 最高液位
8. 120 mL瓶
9. 10 mm

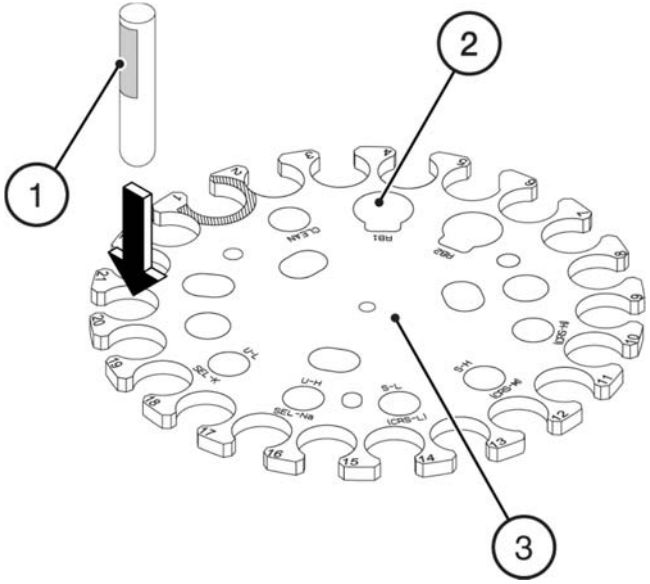




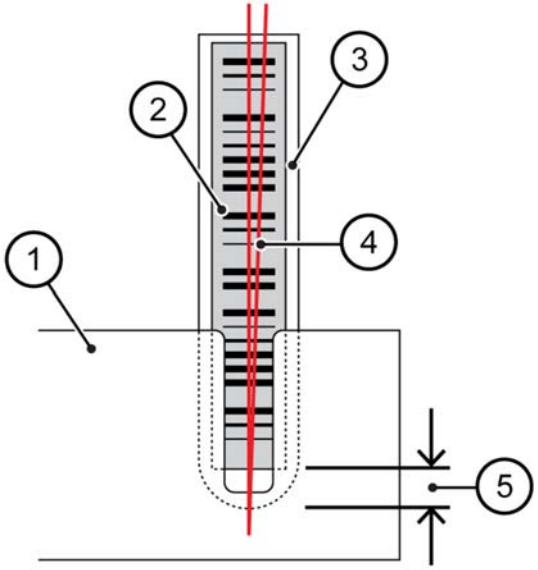
试管/样品杯

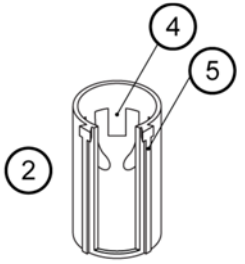
1. 样品针
2. 短样品试管/杯
3. 死腔量
4. 最大样品针下降深度
5. 长样品试管/杯

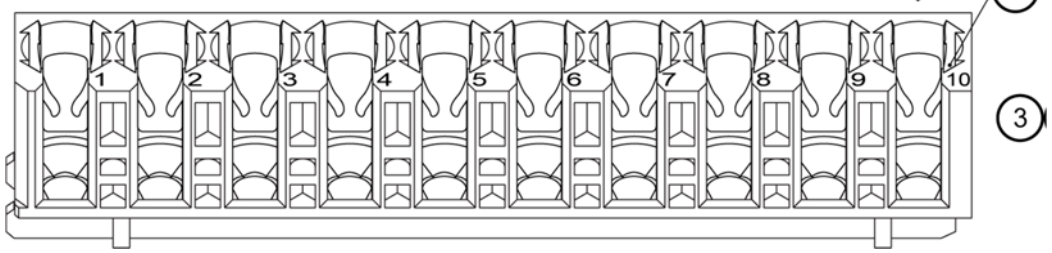




1. 试管架
2. 条码标签
3. 样品管
4. 光束小于5°
5. 最小7mm间隔

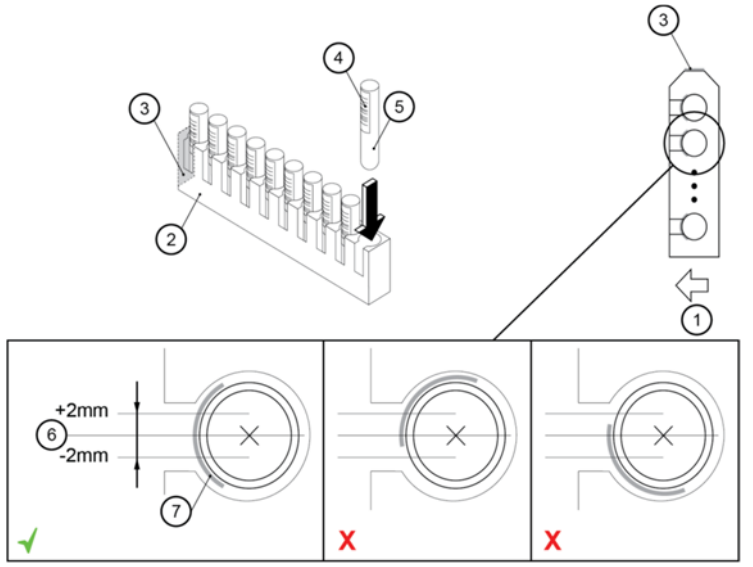


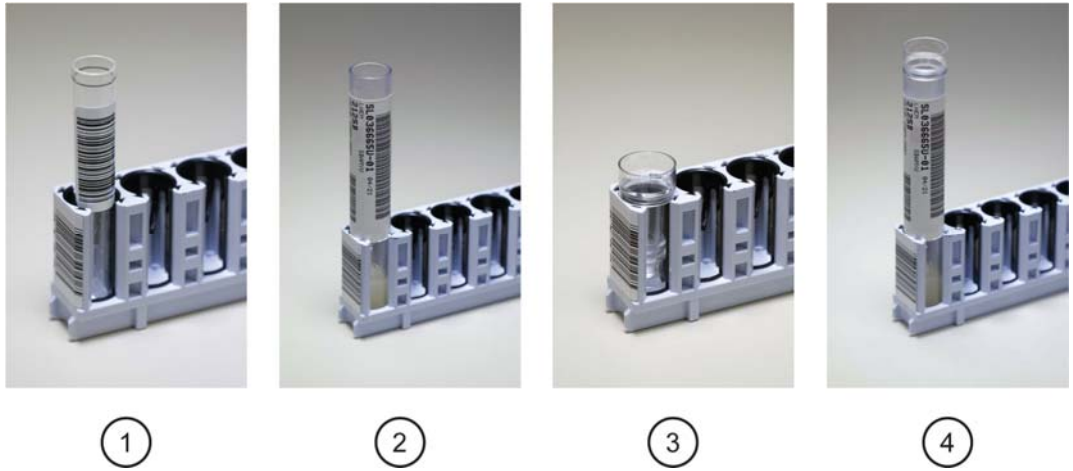


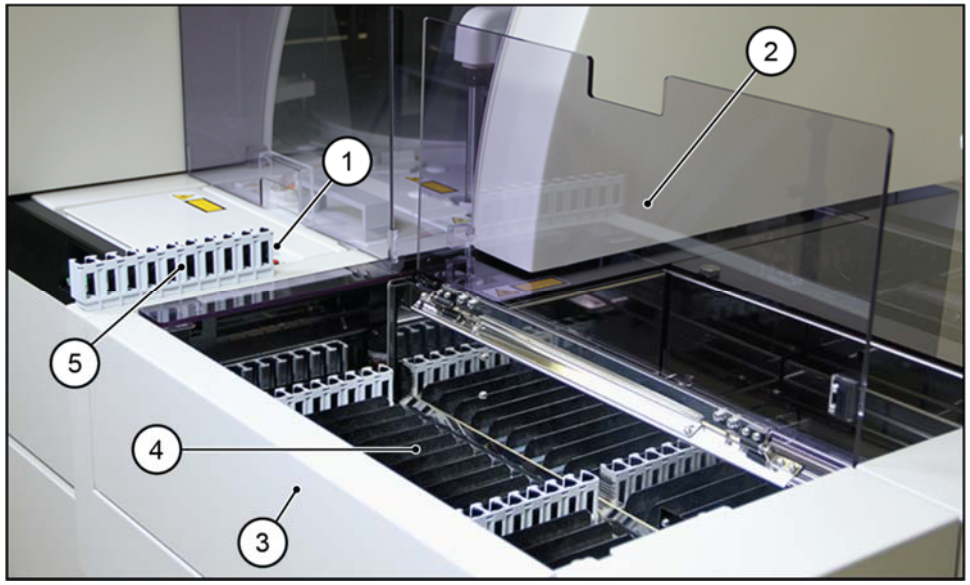


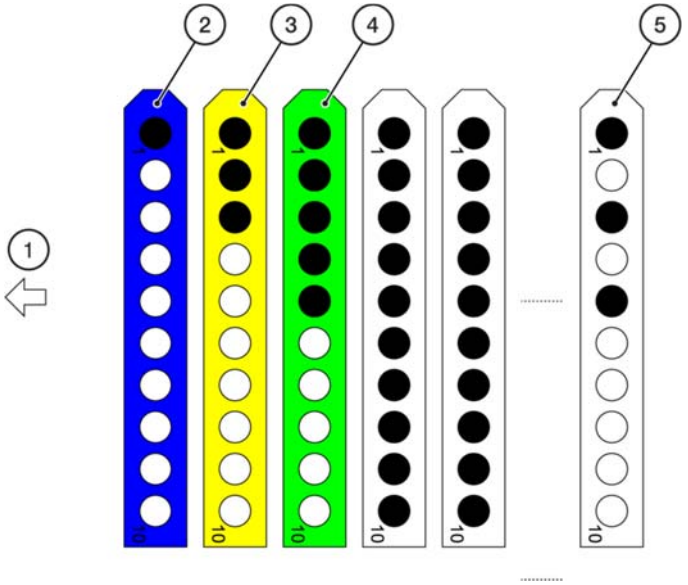
试管架颜色及磁铁

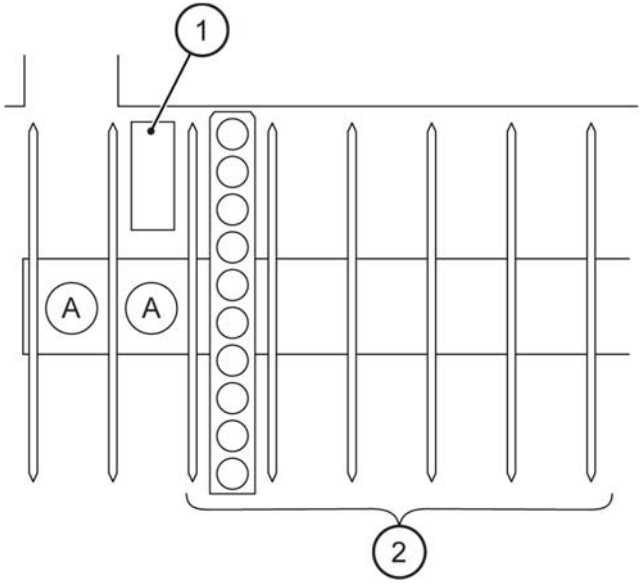
Color	Rack Application	Magnet 1, 2, 3
White	Used to analyze first-run samples and rerun samples.	● ○ ○
Blue	Used to calculate reagent blanks for creating calibration curves.	● ○ ●
Yellow	Used to create calibration curves.	● ● ○
Color	**Rack Application**	**Magnet 1, 2, 3**
Green	Used to analyze control samples.	○ ○ ●
Red	Used to analyze emergency samples.	○ ● ○






1
2
3
4
5

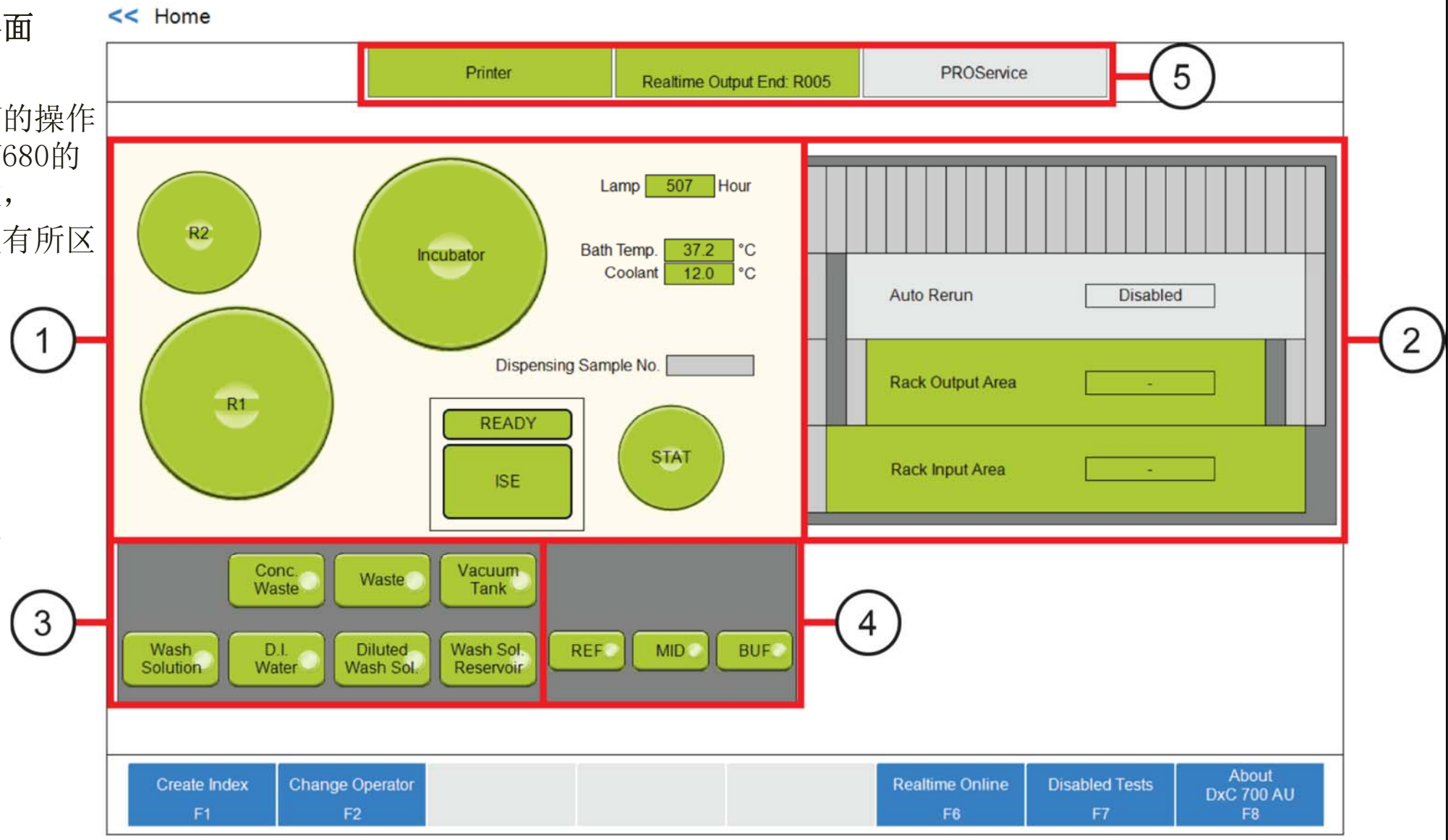

1
2
3
4
5
1
10

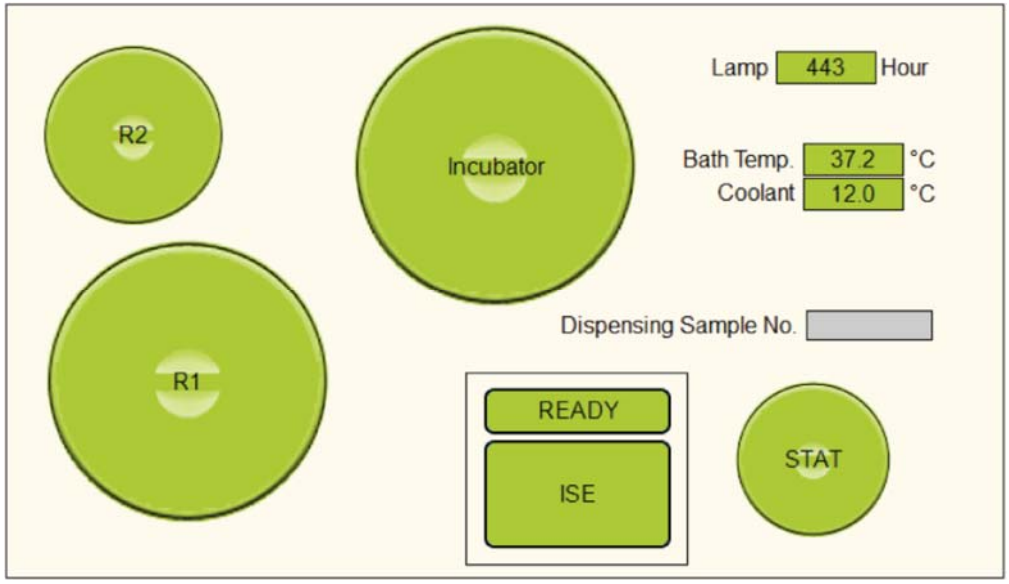

1
A
A
2

3 操作界面

DXC700AU的操作界面与AU680的内容一致，
界面布置有所区别。

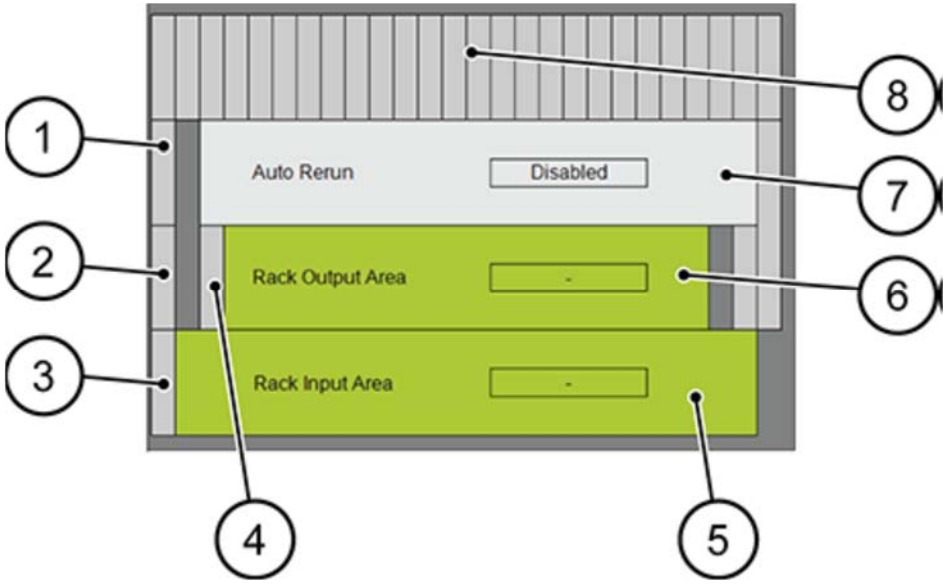
初始界面




R2
Incubator
Lamp 443 Hour
Bath Temp. 37.2 °C
Coolant 12.0 °C
R1
Dispensing Sample No.
READY
ISE
STAT

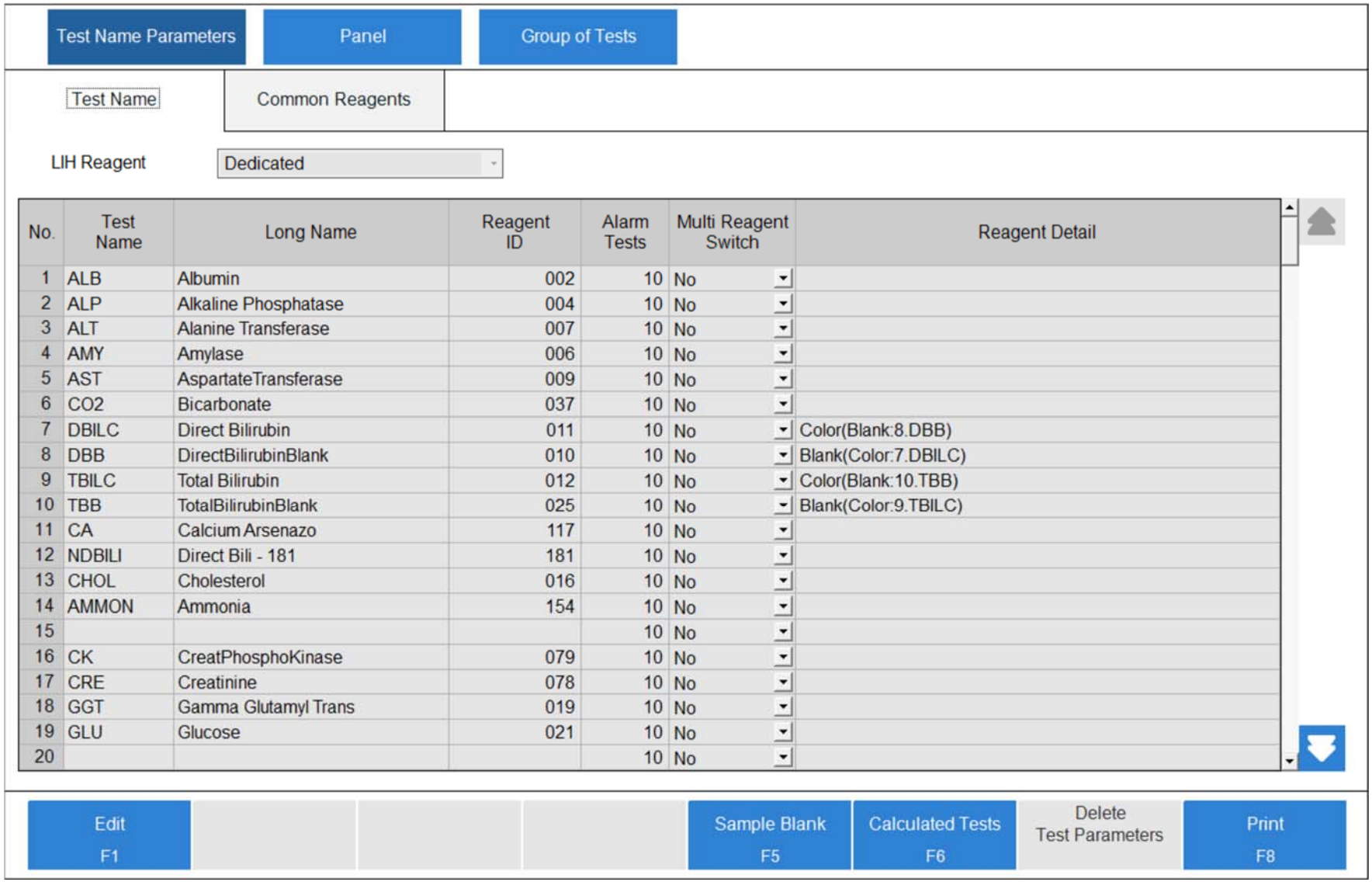

Conc. Waste
Waste
Vacuum Tank
Wash Solution
D.I. Water
Diluted Wash Sol.
Wash Sol. Reservoir


Printer
LIS
PROService


1
2
3
4
5
6
7
8
Auto Rerun
Disabled
Rack Output Area
-
Rack Input Area
-

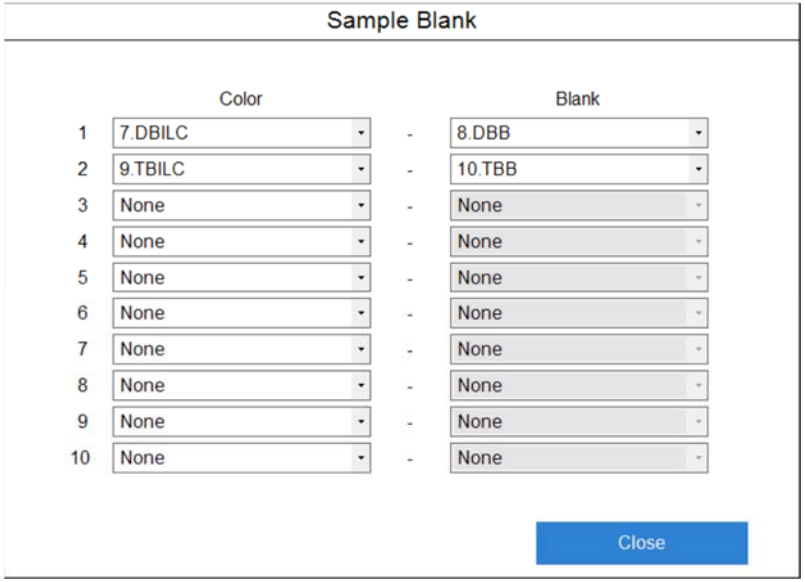

REF
MID
BUF

项目列表

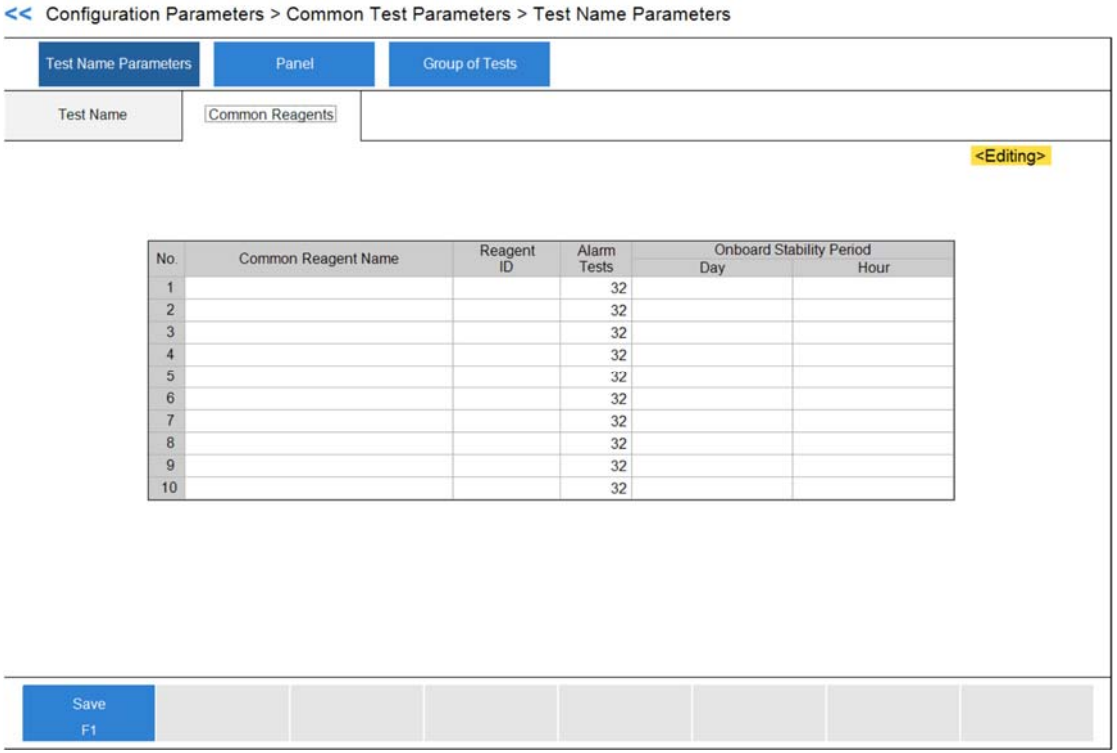


No.	Test Name	Long Name	Reagent ID	Alarm Tests	Multi Reagent Switch	Reagent Detail
1	ALB	Albumin	002	10	No	
2	ALP	Alkaline Phosphatase	004	10	No	
3	ALT	Alanine Transferase	007	10	No	
4	AMY	Amylase	006	10	No	
5	AST	AspartateTransferase	009	10	No	
6	CO2	Bicarbonate	037	10	No	
7	DBILC	Direct Bilirubin	011	10	No	Color(Blank:8.DBB)
8	DBB	DirectBilirubinBlank	010	10	No	Blank(Color:7.DBILC)
9	TBILC	Total Bilirubin	012	10	No	Color(Blank:10.TBB)
10	TBB	TotalBilirubinBlank	025	10	No	Blank(Color:9.TBILC)
11	CA	Calcium Arsenazo	117	10	No	
12	NDBILI	Direct Bili - 181	181	10	No	
13	CHOL	Cholesterol	016	10	No	
14	AMMON	Ammonia	154	10	No	
15				10	No	
16	CK	CreatPhosphoKinase	079	10	No	
17	CRE	Creatinine	078	10	No	
18	GGT	Gamma Glutamyl Trans	019	10	No	
19	GLU	Glucose	021	10	No	
20				10	No	

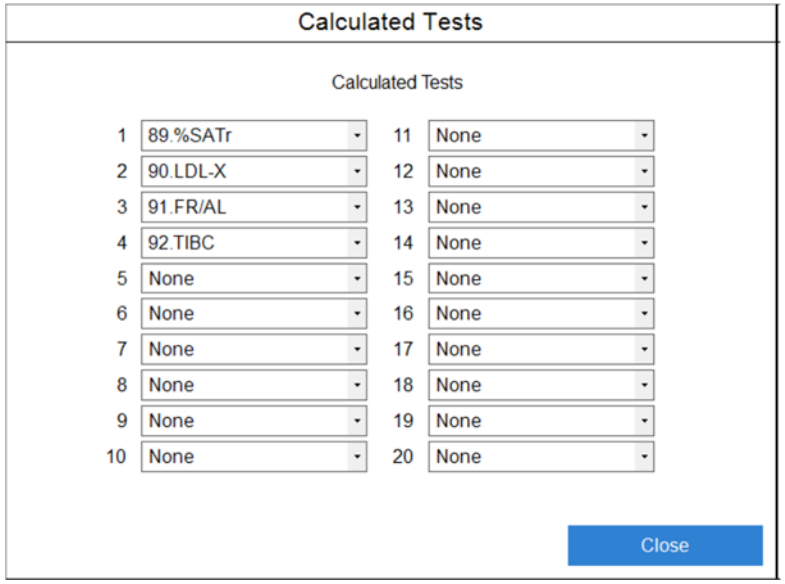
样品空白



公共试剂

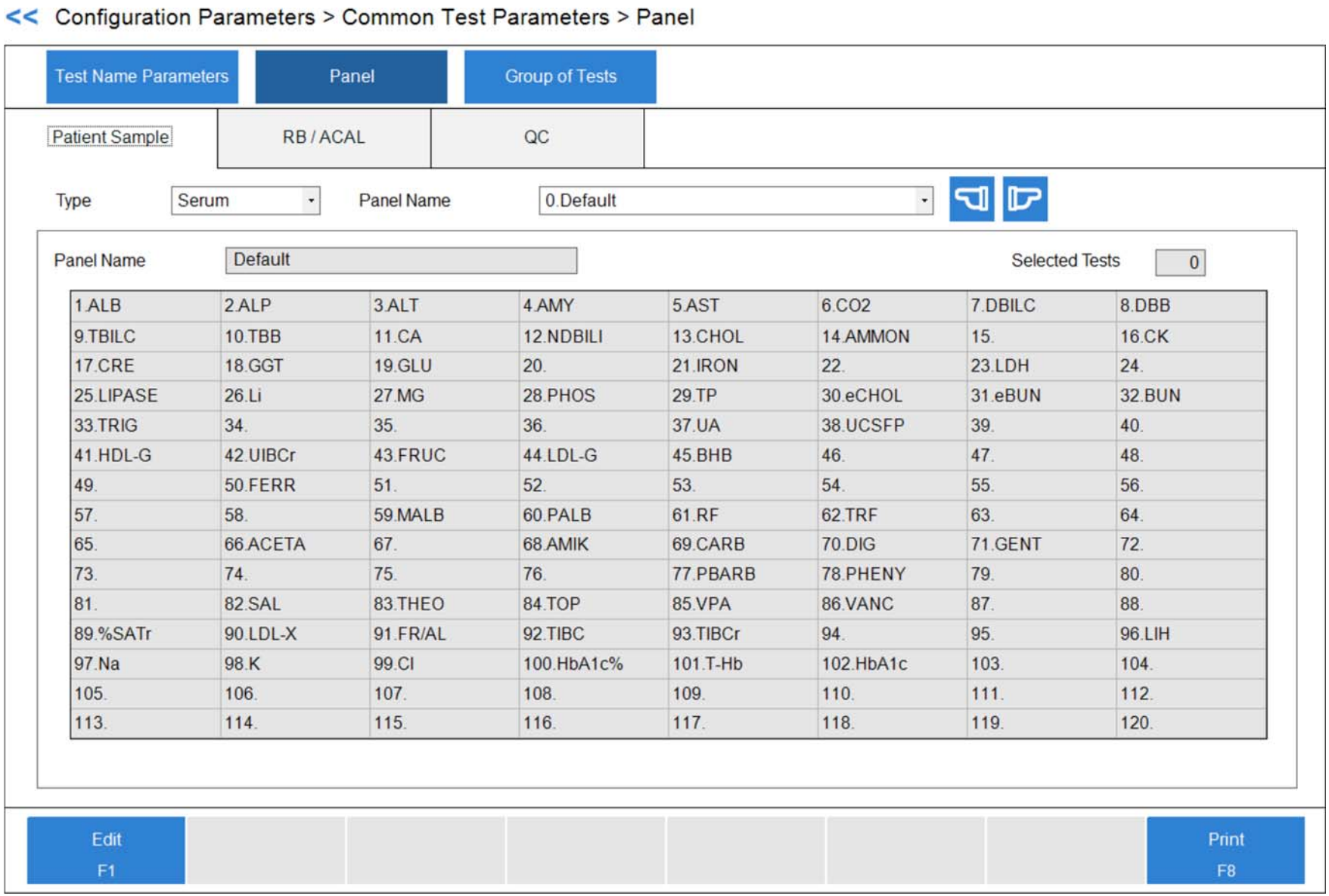


计算项目



项目面板

病人项目面板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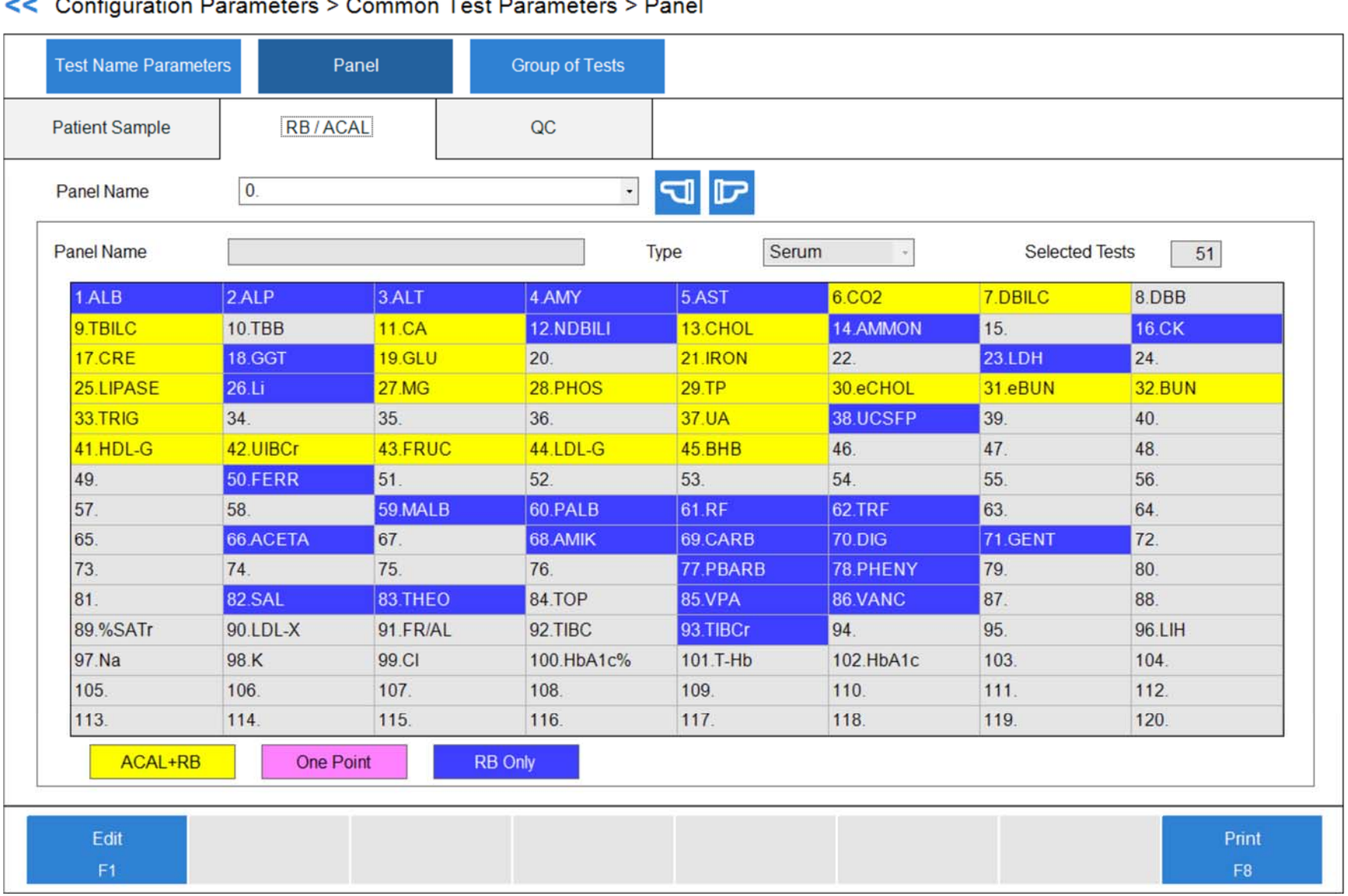
Test Name Parameters
Panel
Group of Tests
Patient Sample
RB / ACAL
QC
Type
Serum
Panel Name
0.Default
Panel Name
Default
Selected Tests
0
1.ALB 2.ALP 3.ALT 4.AMY 5.AST 6.CO2 7.DBILC 8.DBB
9.TBILC 10.TBB 11.CA 12.NDBILI 13.CHOL 14.AMMON 15. 16.CK
17.CRE 18.GGT 19.GLU 20. 21.IRON 22. 23.LDH 24.
25.LIPASE 26.Li 27.MG 28.PHOS 29.TP 30.eCHOL 31.eBUN 32.BUN
33.TRIG 34. 35. 36. 37.UA 38.UCSFP 39. 40.
41.HDL-G 42.UIBCr 43.FRUC 44.LDL-G 45.BHB 46. 47. 48.
49. 50.FERR 51. 52. 53. 54. 55. 56.
57. 58. 59.MALB 60.PALB 61.RF 62.TRF 63. 64.
65. 66.ACETA 67. 68.AMIK 69.CARB 70.DIG 71.GENT 72.
73. 74. 75. 76. 77.PBARB 78.PHENY 79. 80.
81. 82.SAL 83.THEO 84.TOP 85.VPA 86.VANC 87. 88.
89.%SATr 90.LDL-X 91.FR/AL 92.TIBC 93.TIBCr 94. 95. 96.LIH
97.Na 98.K 99.Cl 100.HbA1c% 101.T-Hb 102.HbA1c 103. 104.
105. 106. 107. 108. 109. 110. 111. 112.
113. 114. 115. 116. 117. 118. 119. 120.
Edit
F1
Print
F8

试剂空白
校准品面板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Test Name Parameters
Panel
Group of Tests
Patient Sample
RB / ACAL
QC
Panel Name
0.
Panel Name
Type
Serum
Selected Tests
51
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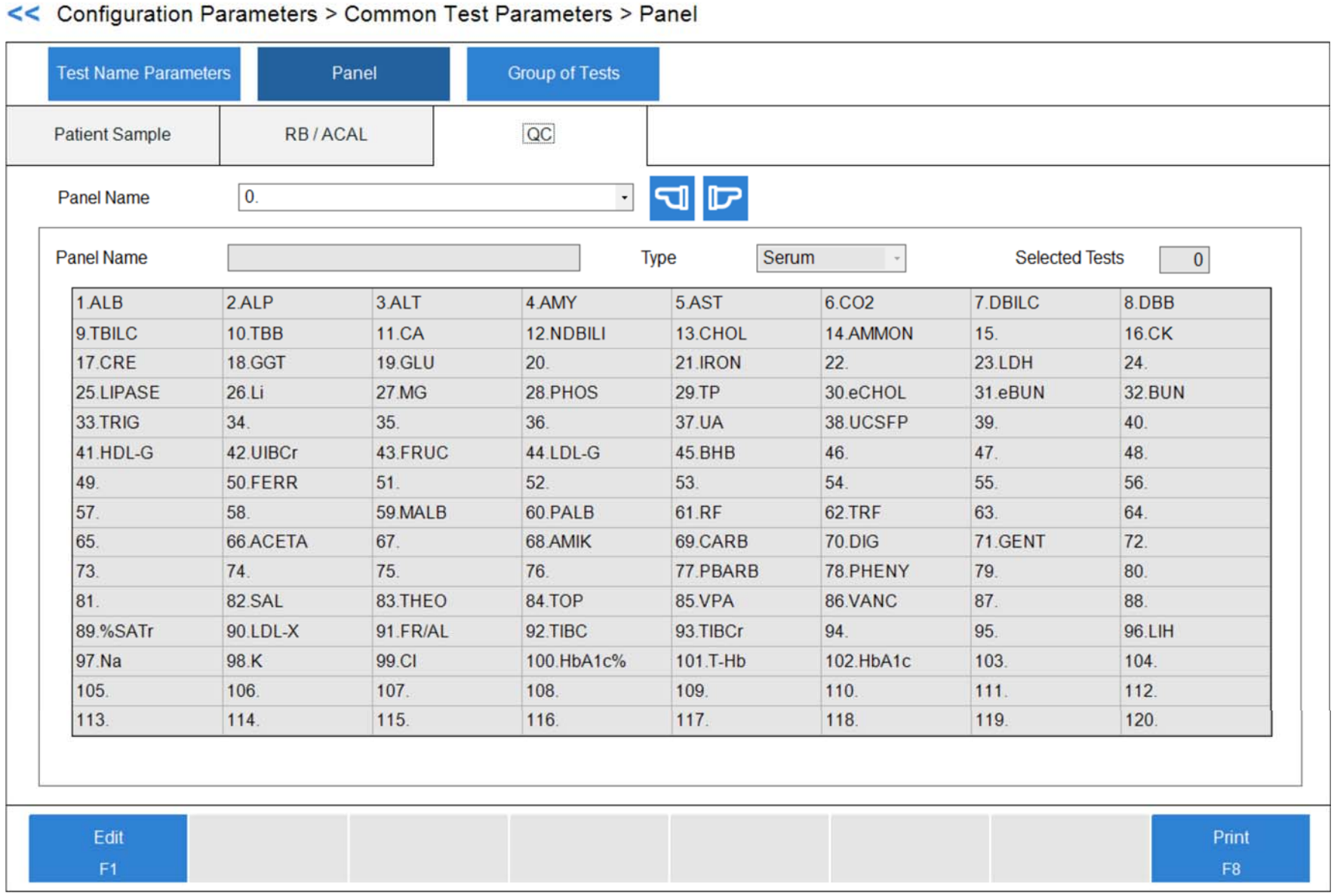
9.TBILC 10.TBB 11.CA 12.NDBILI 13.CHOL 14.AMMON 15. 16.CK
17.CRE 18.GGT 19.GLU 20. 21.IRON 22. 23.LDH 24.
25.LIPASE 26.Li 27.MG 28.PHOS 29.TP 30.eCHOL 31.eBUN 32.BUN
33.TRIG 34. 35. 36. 37.UA 38.UCSFP 39. 40.
41.HDL-G 42.UIBCr 43.FRUC 44.LDL-G 45.BHB 46. 47. 48.
49. 50.FERR 51. 52. 53. 54. 55. 56.
57. 58. 59.MALB 60.PALB 61.RF 62.TRF 63. 64.
65. 66.ACETA 67. 68.AMIK 69.CARB 70.DIG 71.GENT 72.
73. 74. 75. 76. 77.PBARB 78.PHENY 79. 80.
81. 82.SAL 83.THEO 84.TOP 85.VPA 86.VANC 87. 88.
89.%SATr 90.LDL-X 91.FR/AL 92.TIBC 93.TIBCr 94. 95. 96.LIH
97.Na 98.K 99.Cl 100.HbA1c% 101.T-Hb 102.HbA1c 103. 104.
105. 106. 107. 108. 109. 110. 111. 112.
113. 114. 115. 116. 117. 118. 119. 120.
ACAL+RB
One Point
RB Only
Edit
F1
Print
F8

质控面板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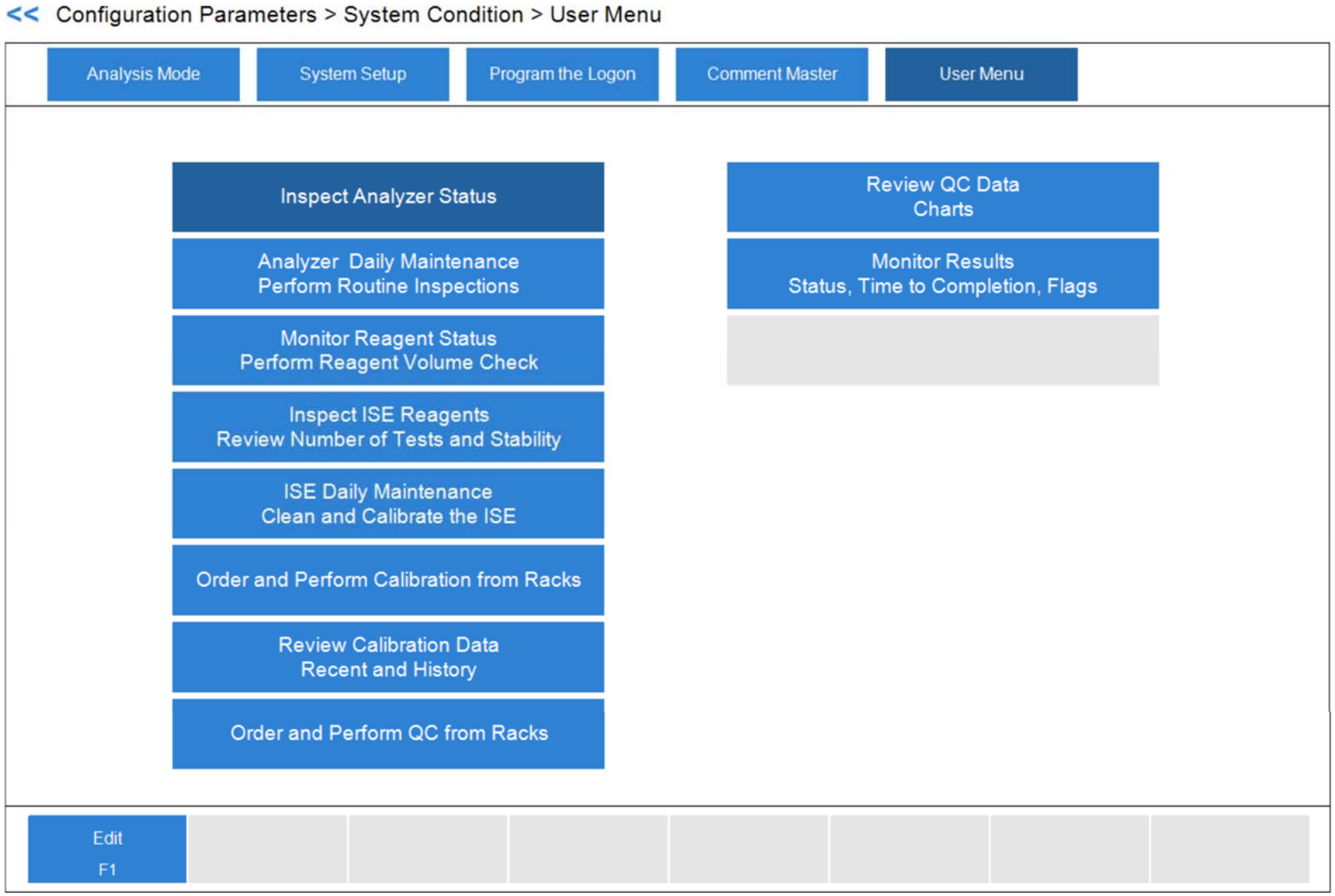
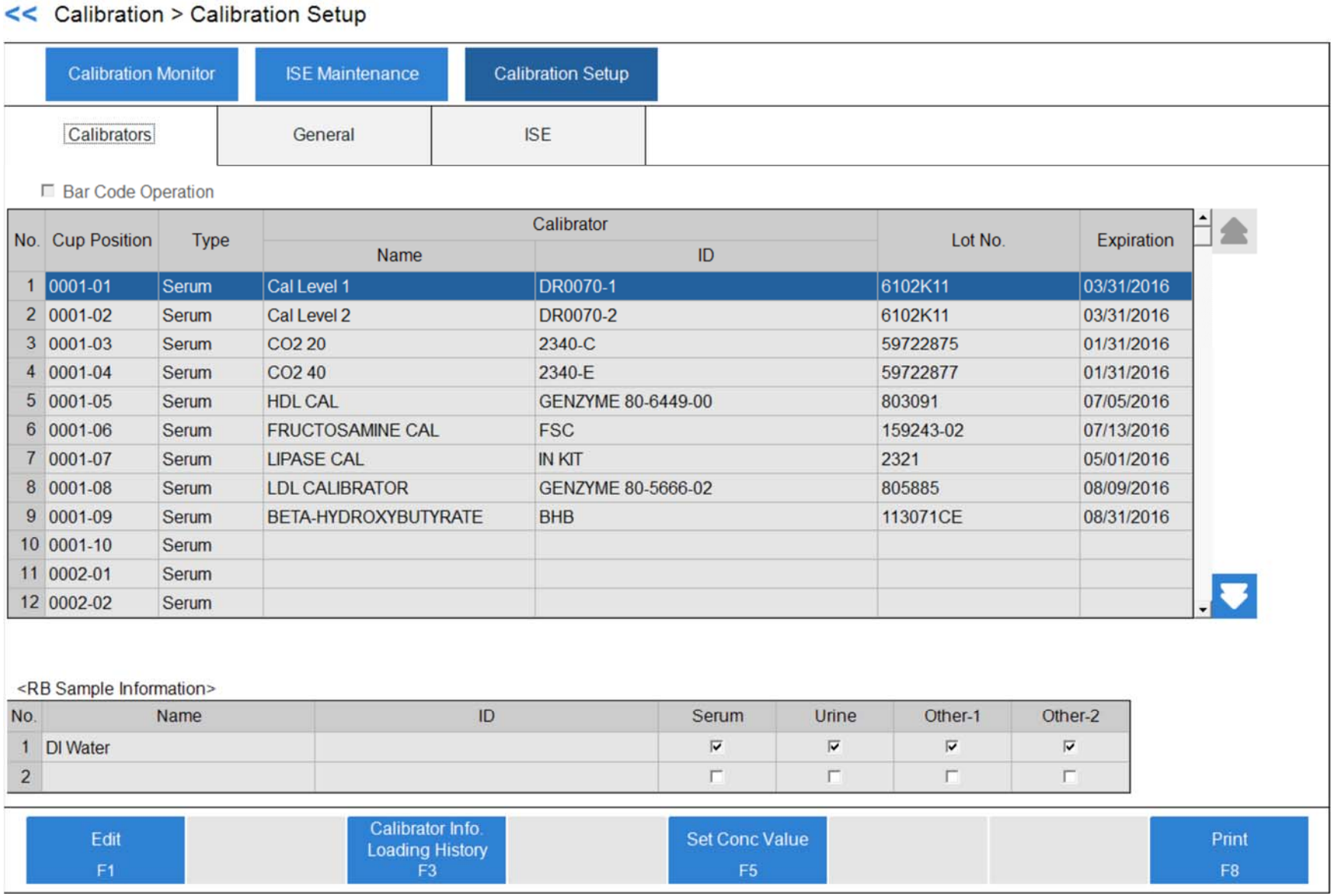
Test Name Parameters
Panel
Group of Tests
Patient Sample
RB / ACAL
QC
Panel Name
0.
Panel Name
Type
Serum
Selected Tests
0
1.ALB 2.ALP 3.ALT 4.AMY 5.AST 6.CO2 7.DBILC 8.DBB
9.TBILC 10.TBB 11.CA 12.NDBILI 13.CHOL 14.AMMON 15. 16.CK
17.CRE 18.GGT 19.GLU 20. 21.IRON 22. 23.LDH 24.
25.LIPASE 26.Li 27.MG 28.PHOS 29.TP 30.eCHOL 31.eBUN 32.BUN
33.TRIG 34. 35. 36. 37.UA 38.UCSFP 39. 40.
41.HDL-G 42.UIBCr 43.FRUC 44.LDL-G 45.BHB 46. 47. 48.
49. 50.FERR 51. 52. 53. 54. 55. 56.
57. 58. 59.MALB 60.PALB 61.RF 62.TRF 63. 64.
65. 66.ACETA 67. 68.AMIK 69.CARB 70.DIG 71.GENT 72.
73. 74. 75. 76. 77.PBARB 78.PHENY 79. 80.
81. 82.SAL 83.THEO 84.TOP 85.VPA 86.VANC 87. 88.
89.%SATr 90.LDL-X 91.FR/AL 92.TIBC 93.TIBCr 94. 95. 96.LIH
97.Na 98.K 99.Cl 100.HbA1c% 101.T-Hb 102.HbA1c 103. 104.
105. 106. 107. 108. 109. 110. 111. 112.
113. 114. 115. 116. 117. 118. 119. 120.
Edit
F1
Print
F8

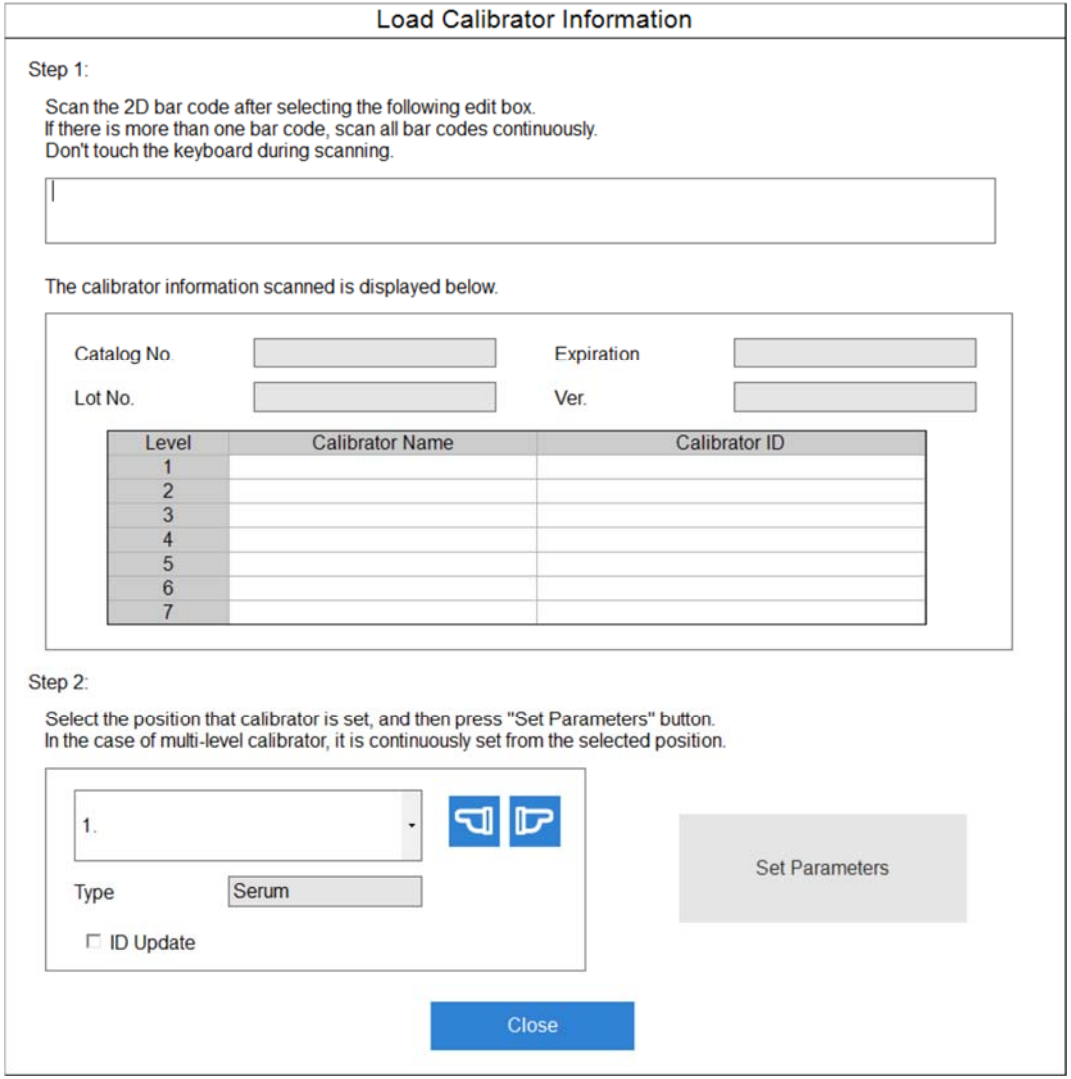
用户自定义菜单

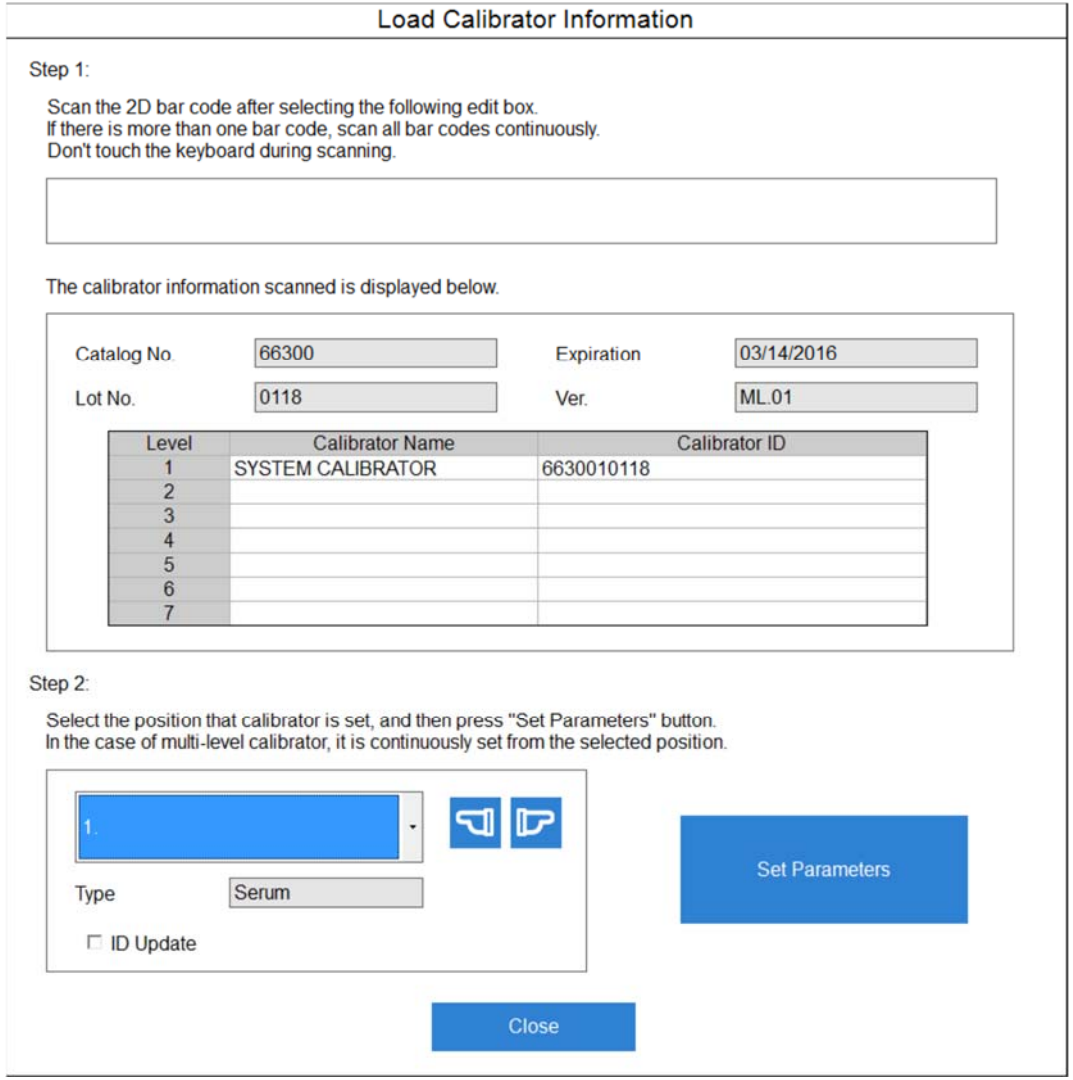

<< Configuration Parameters > System Condition > User Menu
Analysis Mode
System Setup
Program the Logon
Comment Master
User Menu
Inspect Analyzer Status
Analyzer Daily Maintenance
Perform Routine Inspections
Monitor Reagent Status
Perform Reagent Volume Check
Inspect ISE Reagents
Review Number of Tests and Stability
ISE Daily Maintenance
Clean and Calibrate the ISE
Order and Perform Calibration from Racks
Review Calibration Data
Recent and History
Order and Perform QC from Racks
Review QC Data
Charts
Monitor Results
Status, Time to Completion, Flags
Edit
F1

校准界面
校准监测


<< Calibration > Calibration Setup
Calibration Monitor
ISE Maintenance
Calibration Setup
Calibrators
General
ISE
Bar Code Operation
No. Cup Position Type Calibrator Name ID Lot No. Expiration
1 0001-01 Serum Cal Level 1 DR0070-1 6102K11 03/31/2016
2 0001-02 Serum Cal Level 2 DR0070-2 6102K11 03/31/2016
3 0001-03 Serum CO2 20 2340-C 59722875 01/31/2016
4 0001-04 Serum CO2 40 2340-E 59722877 01/31/2016
5 0001-05 Serum HDL CAL GENZYME 80-6449-00 803091 07/05/2016
6 0001-06 Serum FRUCTOSAMINE CAL FSC 159243-02 07/13/2016
7 0001-07 Serum LIPASE CAL IN KIT 2321 05/01/2016
8 0001-08 Serum LDL CALIBRATOR GENZYME 80-5666-02 805885 08/09/2016
9 0001-09 Serum BETA-HYDROXYBUTYRATE BHB 113071CE 08/31/2016
10 0001-10 Serum
11 0002-01 Serum
12 0002-02 Serum
<RB Sample Information>
No. Name ID Serum Urine Other-1 Other-2
1 DI Water
2
Edit F1
Calibrator Info. Loading History F3
Set Conc Value F5
Print F8

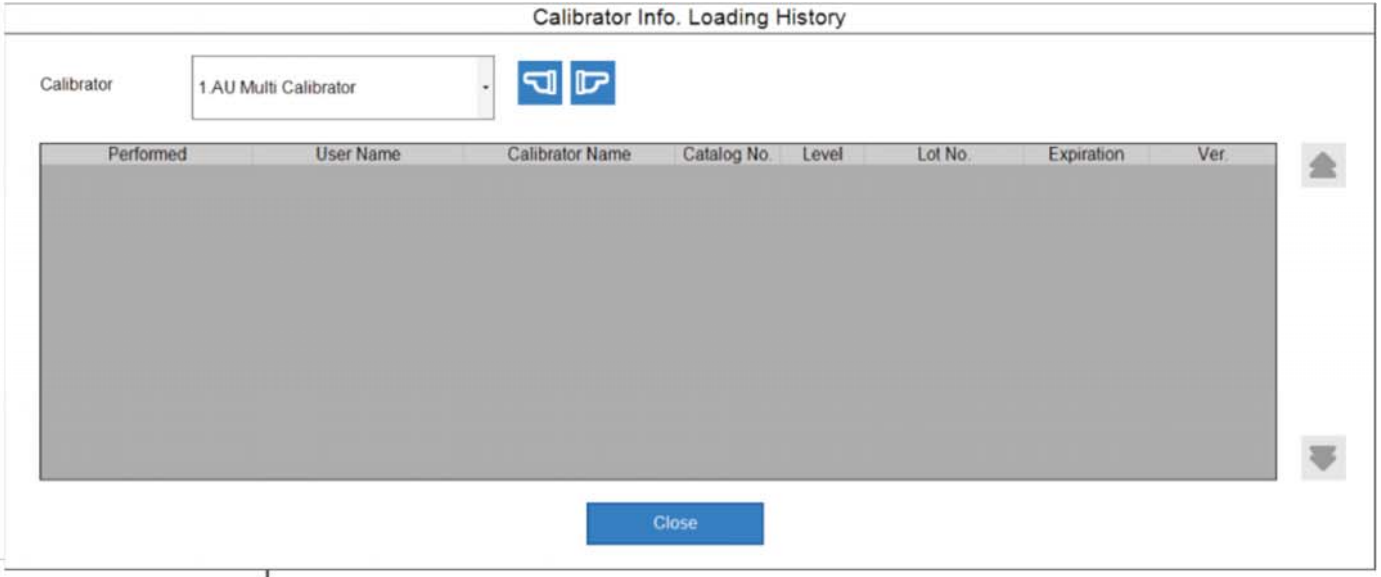
原厂校准品条码扫描登记界面

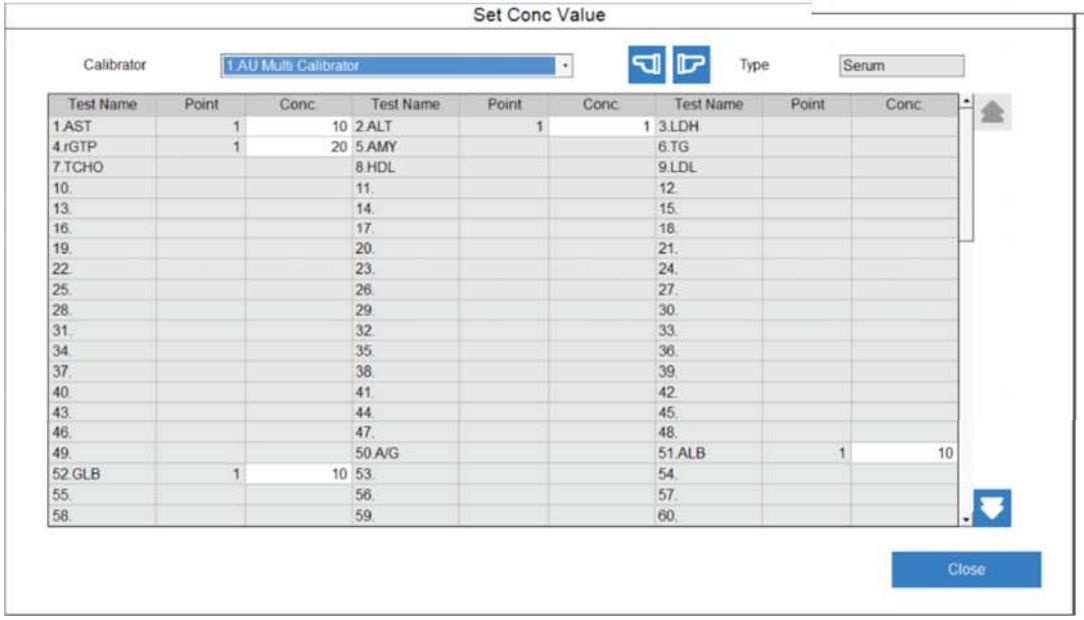




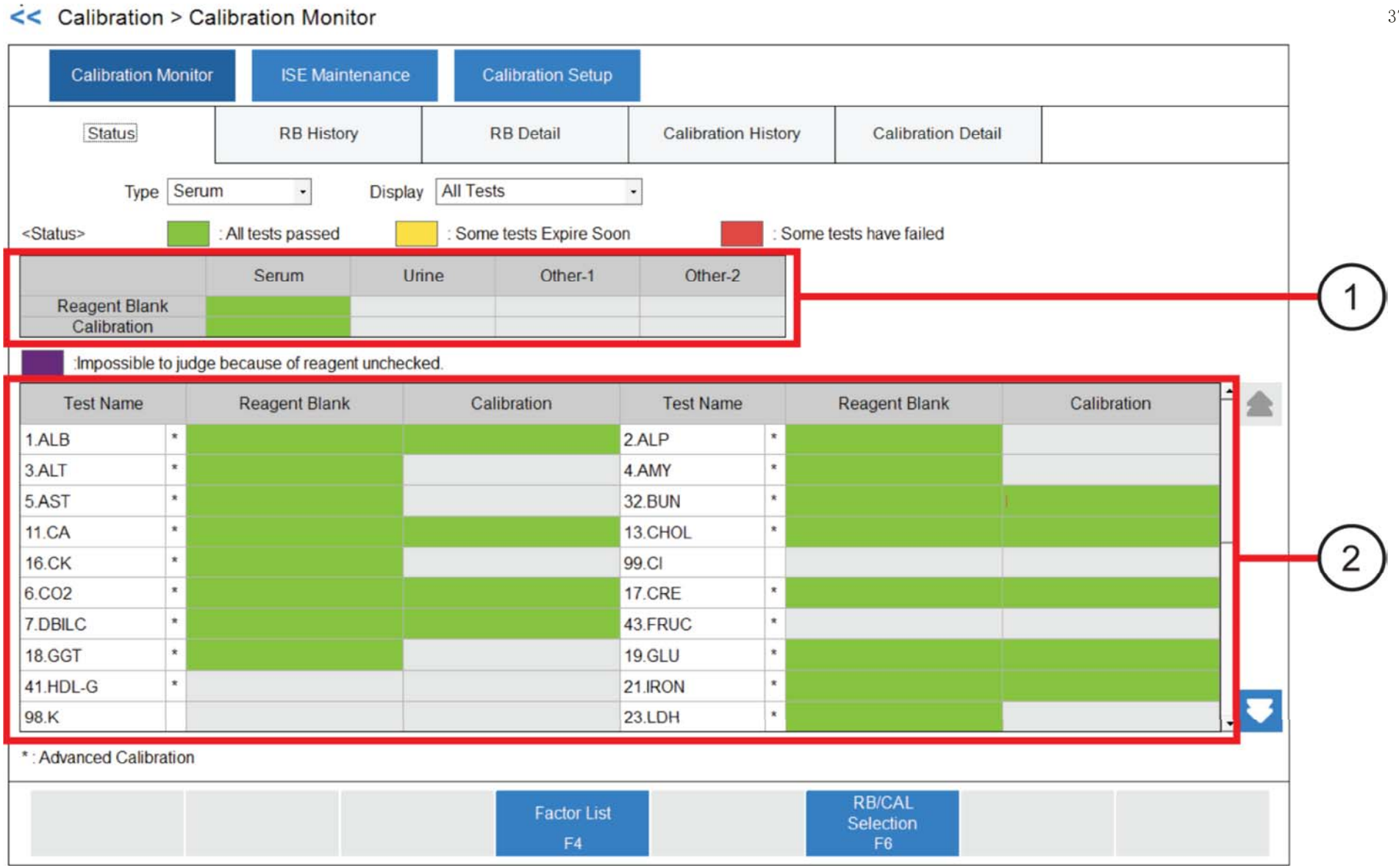
校准品浓度设置

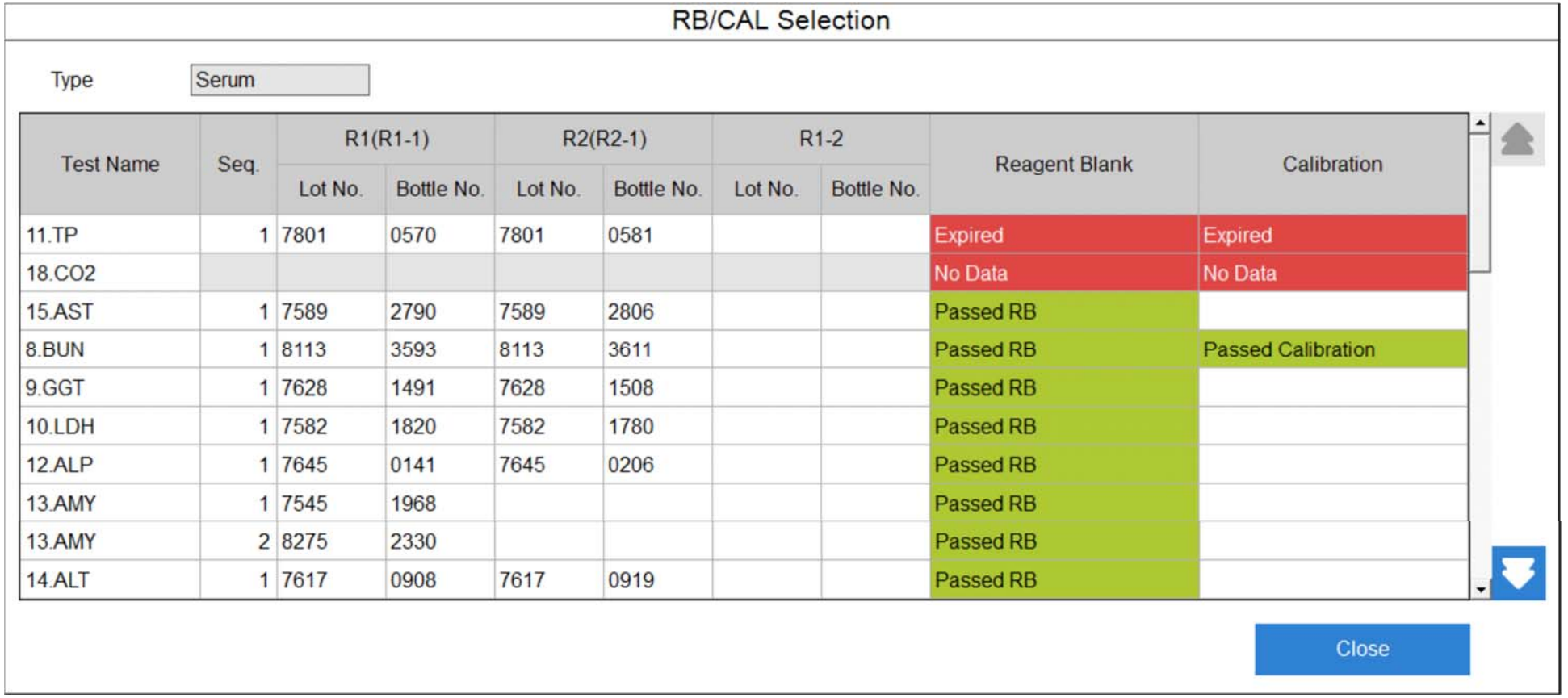
校准品历史信息





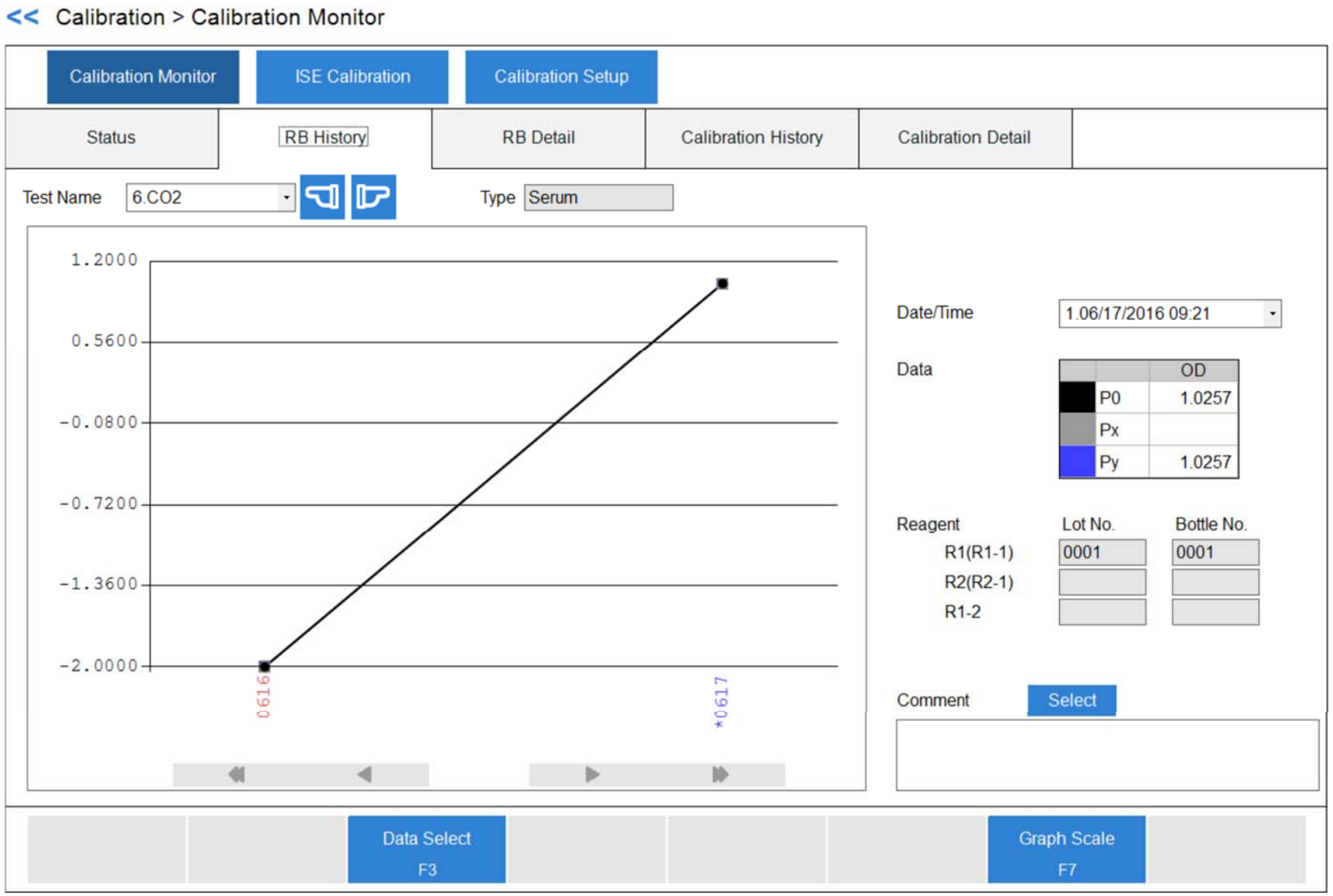
校准状态


<< Calibration > Calibration Monitor
Calibration Monitor
ISE Maintenance
Calibration Setup
Status
RB History
RB Detail
Calibration History
Calibration Detail
Type Serum
Display All Tests
<Status>
: All tests passed
: Some tests Expire Soon
: Some tests have failed
Serum
Urine
Other-1
Other-2
Reagent Blank
Calibration
1
:Impossible to judge because of reagent unchecked.
Test Name
Reagent Blank
Calibration
Test Name
Reagent Blank
Calibration
1.ALB
2.ALP
3.ALT
4.AMY
5.AST
32.BUN
11.CA
13.CHOL
16.CK
99.CI
6.CO2
17.CRE
7.DBILC
43.FRUC
18.GGT
19.GLU
41.HDL-G
21.IRON
98.K
23.LDH
2
* : Advanced Calibration
Factor List
F4
RB/CAL
Selection
F6



Test Name	Seq.	R1(R1-1)		R2(R2-1)		R1-2		Reagent Blank	Calibration
		Lot No.	Bottle No.	Lot No.	Bottle No.	Lot No.	Bottle No.		
11.TP	1	7801	0570	7801	0581			Expired	Expired
18.CO2								No Data	No Data
15.AST	1	7589	2790	7589	2806			Passed RB	
8.BUN	1	8113	3593	8113	3611			Passed RB	Passed Calibration
9.GGT	1	7628	1491	7628	1508			Passed RB	
10.LDH	1	7582	1820	7582	1780			Passed RB	
12.ALP	1	7645	0141	7645	0206			Passed RB	
13.AMY	1	7545	1968					Passed RB	
13.AMY	2	8275	2330					Passed RB	
14.ALT	1	7617	0908	7617	0919			Passed RB	

试剂空白历史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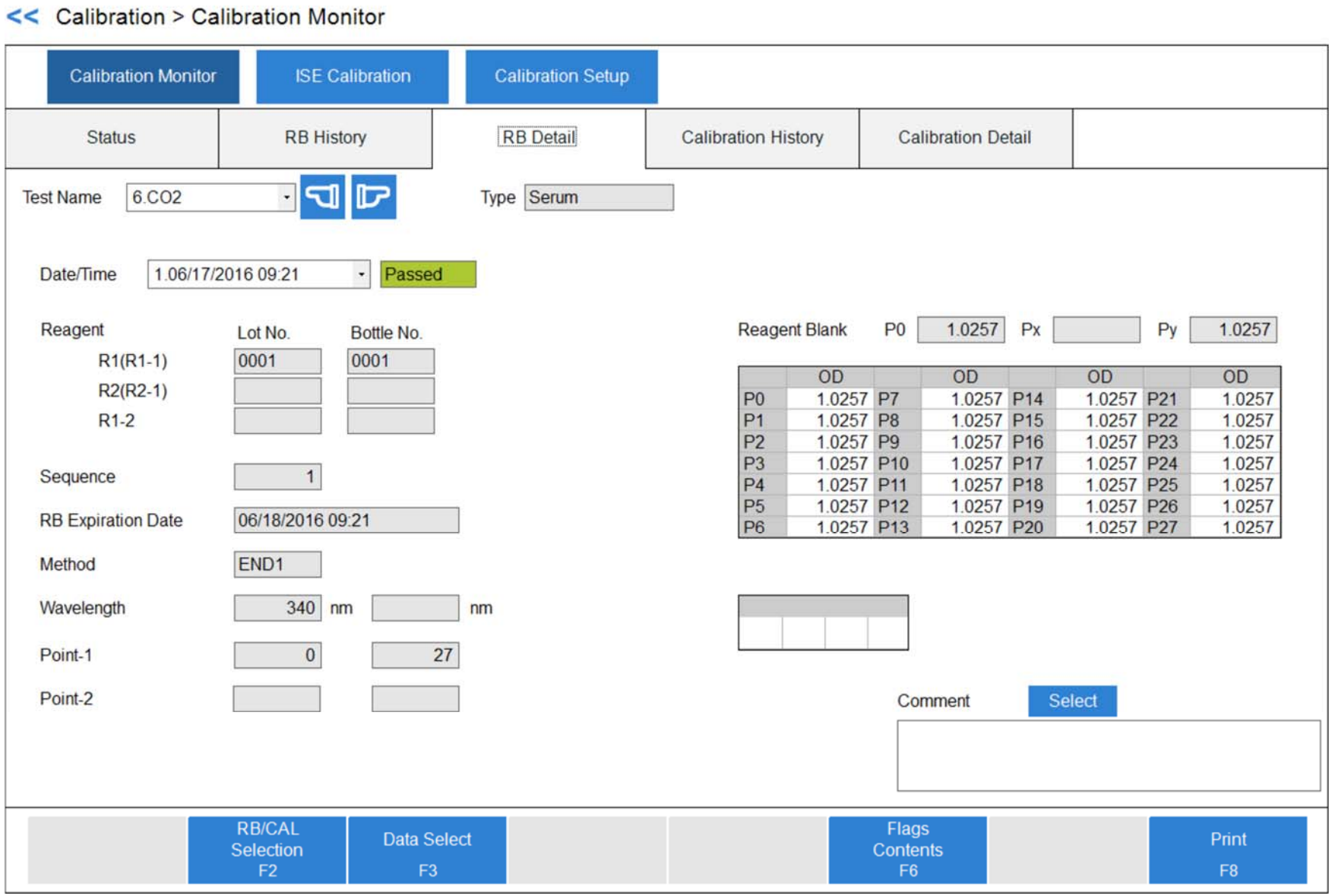
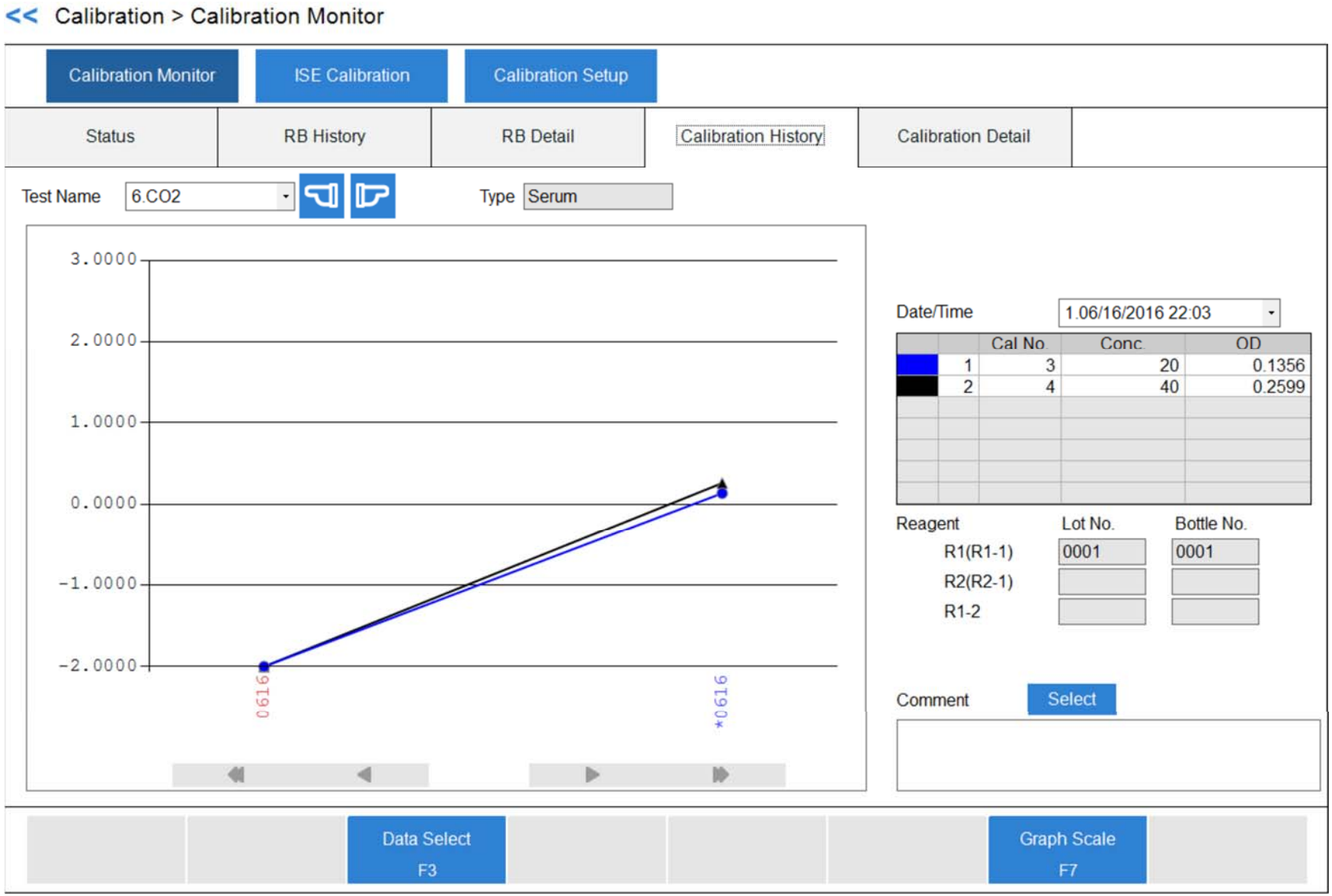
Calibration Monitor
ISE Calibration
Calibration Setup
Status
RB History
RB Detail
Calibration History
Calibration Detail
Test Name
6.CO2
Type
Serum
1.2000
0.5600
-0.0800
-0.7200
-1.3600
-2.0000
0616
*0617
Date/Time
1.06/17/2016 09:21
Data
OD
P0
1.0257
Px
Py
1.0257
Reagent
Lot No.
Bottle No.
R1(R1-1)
0001
0001
R2(R2-1)
R1-2
Comment
Select
Data Select
F3
Graph Scale
F7

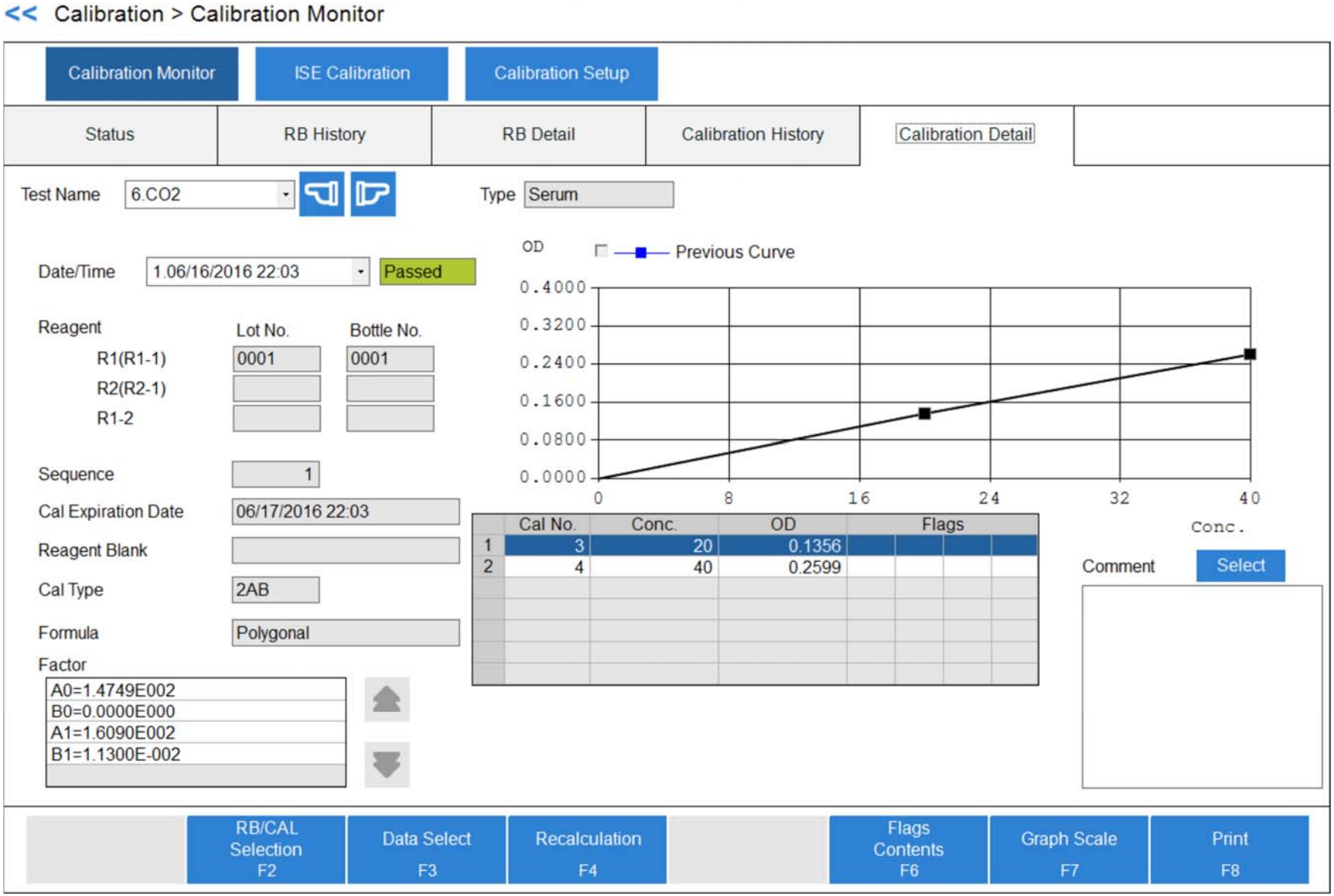
试剂空白详情


<< Calibration > Calibration Monitor
Calibration Monitor
ISE Calibration
Calibration Setup
Status
RB History
RB Detail
Calibration History
Calibration Detail
Test Name
6.CO2
Type
Serum
Date/Time
1.06/17/2016 09:21
Passed
Reagent
Lot No.
Bottle No.
R1(R1-1)
0001
0001
R2(R2-1)
R1-2
Sequence
1
RB Expiration Date
06/18/2016 09:21
Method
END1
Wavelength
340
nm
nm
Point-1
0
27
Point-2
Reagent Blank
P0
1.0257
Px
Py
1.0257
OD
P0 1.0257 P7 1.0257 P14 1.0257 P21 1.0257
P1 1.0257 P8 1.0257 P15 1.0257 P22 1.0257
P2 1.0257 P9 1.0257 P16 1.0257 P23 1.0257
P3 1.0257 P10 1.0257 P17 1.0257 P24 1.0257
P4 1.0257 P11 1.0257 P18 1.0257 P25 1.0257
P5 1.0257 P12 1.0257 P19 1.0257 P26 1.0257
P6 1.0257 P13 1.0257 P20 1.0257 P27 1.0257
Comment
Select
RB/CAL Selection F2
Data Select F3
Flags Contents F6
Print F8

校准历史

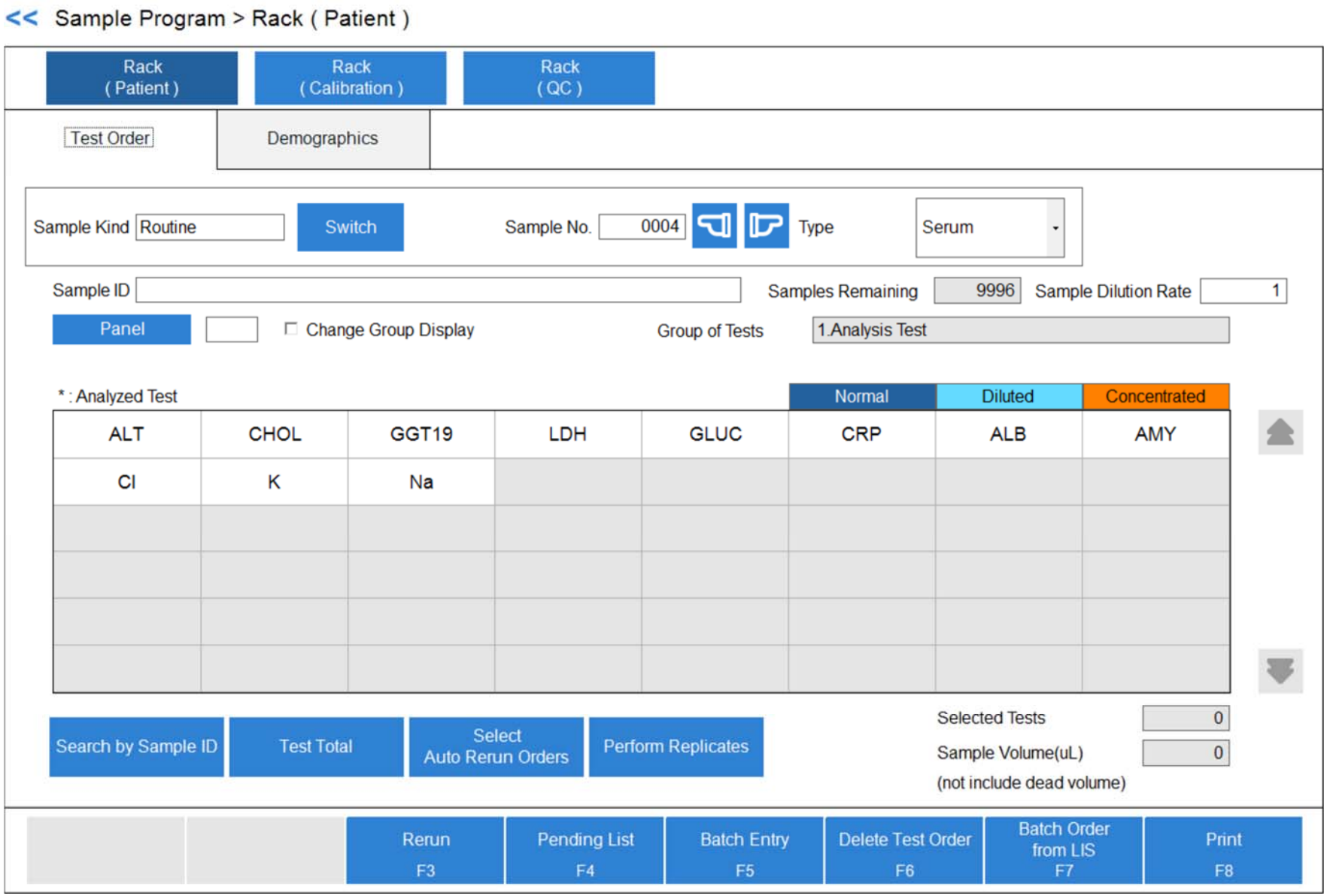

<< Calibration > Calibration Monitor
Calibration Monitor
ISE Calibration
Calibration Setup
Status
RB History
RB Detail
Calibration History
Calibration Detail
Test Name
6.CO2
Type
Serum
3.0000
2.0000
1.0000
0.0000
-1.0000
-2.0000
0616
*0616
Date/Time
1.06/16/2016 22:03
Cal No.
Conc.
OD
1 3 20 0.1356
2 4 40 0.2599
Reagent
Lot No.
Bottle No.
R1(R1-1)
0001
0001
R2(R2-1)
R1-2
Comment
Select
Data Select
F3
Graph Scale
F7

校准详情

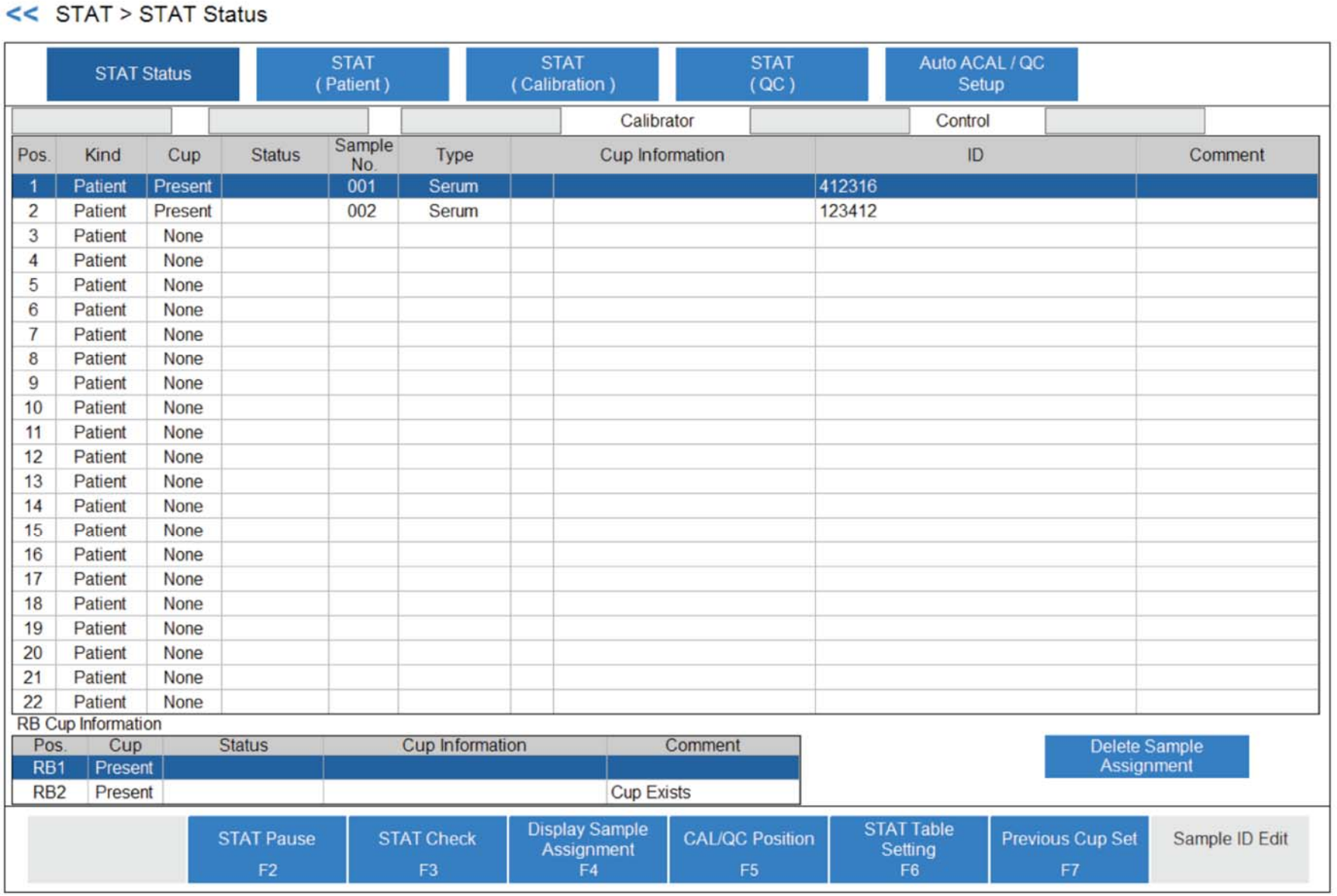

<< Calibration > Calibration Monitor
Calibration Monitor
ISE Calibration
Calibration Setup
Status
RB History
RB Detail
Calibration History
Calibration Detail
Test Name
6.CO2
Type
Serum
Date/Time
1.06/16/2016 22:03
Passed
Reagent
Lot No.
Bottle No.
R1(R1-1)
0001
0001
R2(R2-1)
R1-2
Sequence
1
Cal Expiration Date
06/17/2016 22:03
Reagent Blank
Cal Type
2AB
Formula
Polygonal
Factor
A0=1.4749E002
B0=0.0000E000
A1=1.6090E002
B1=1.1300E-002
OD
Previous Curve
0.4000
0.3200
0.2400
0.1600
0.0800
0.0000
0
8
16
24
32
40
Conc.
Cal No.
Conc.
OD
Flags
1
3
20
0.1356
2
4
40
0.2599
Comment
Select
RB/CAL Selection F2
Data Select F3
Recalculation F4
Flags Contents F6
Graph Scale F7
Print F8

样品命令

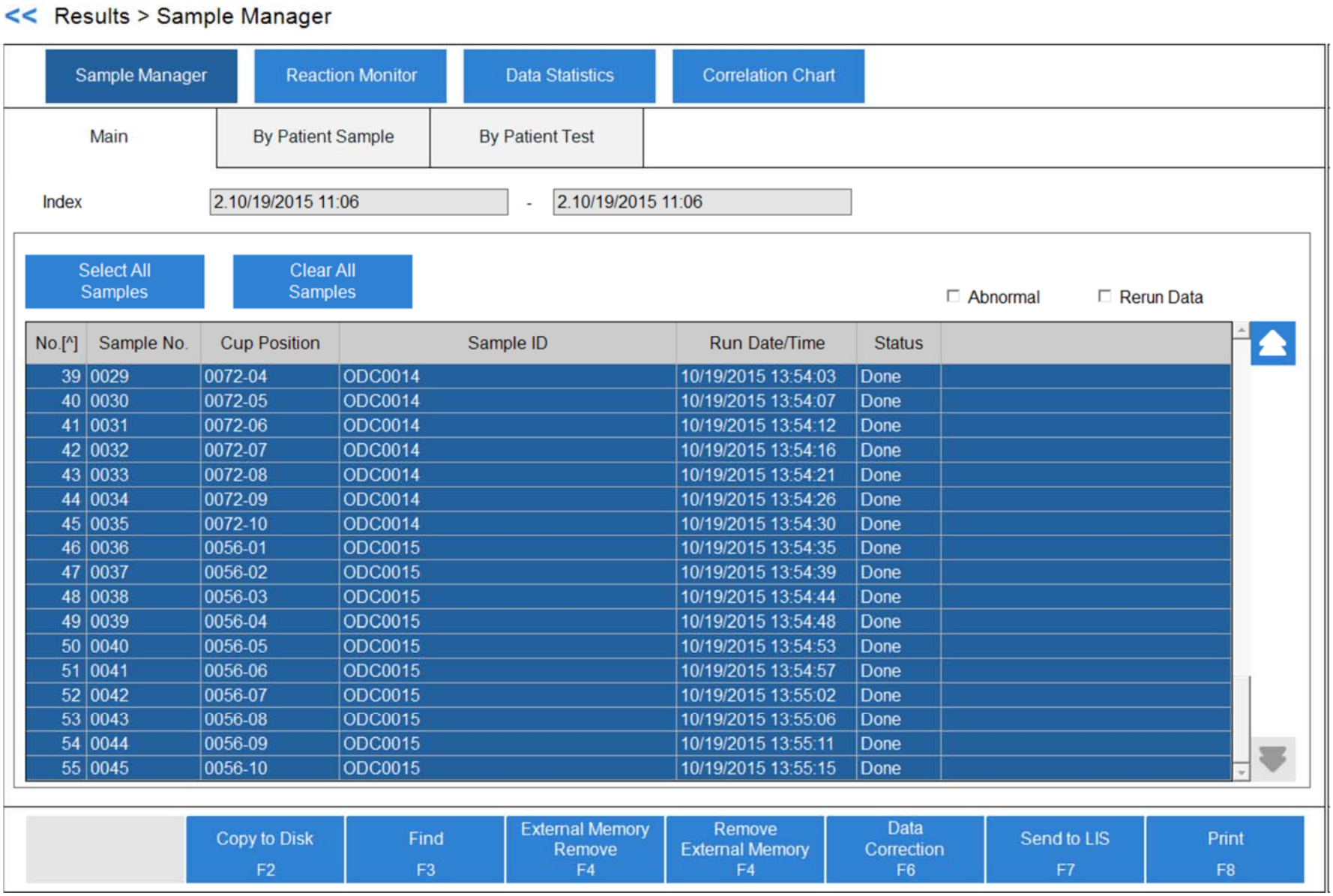
病人样品架


<< Sample Program > Rack (Patient)
Rack (Patient)
Rack (Calibration)
Rack (QC)
Test Order
Demographics
Sample Kind Routine
Switch
Sample No. 0004
Type
Serum
Sample ID
Samples Remaining 9996
Sample Dilution Rate 1
Panel
Change Group Display
Group of Tests 1.Analysis Test
*: Analyzed Test
Normal
Diluted
Concentrated
ALT CHOL GGT19 LDH GLUC CRP ALB AMY
Cl K Na
Search by Sample ID
Test Total
Select Auto Rerun Orders
Perform Replicates
Selected Tests 0
Sample Volume(uL) 0
(not include dead volume)
Rerun F3
Pending List F4
Batch Entry F5
Delete Test Order F6
Batch Order from LIS F7
Print F8

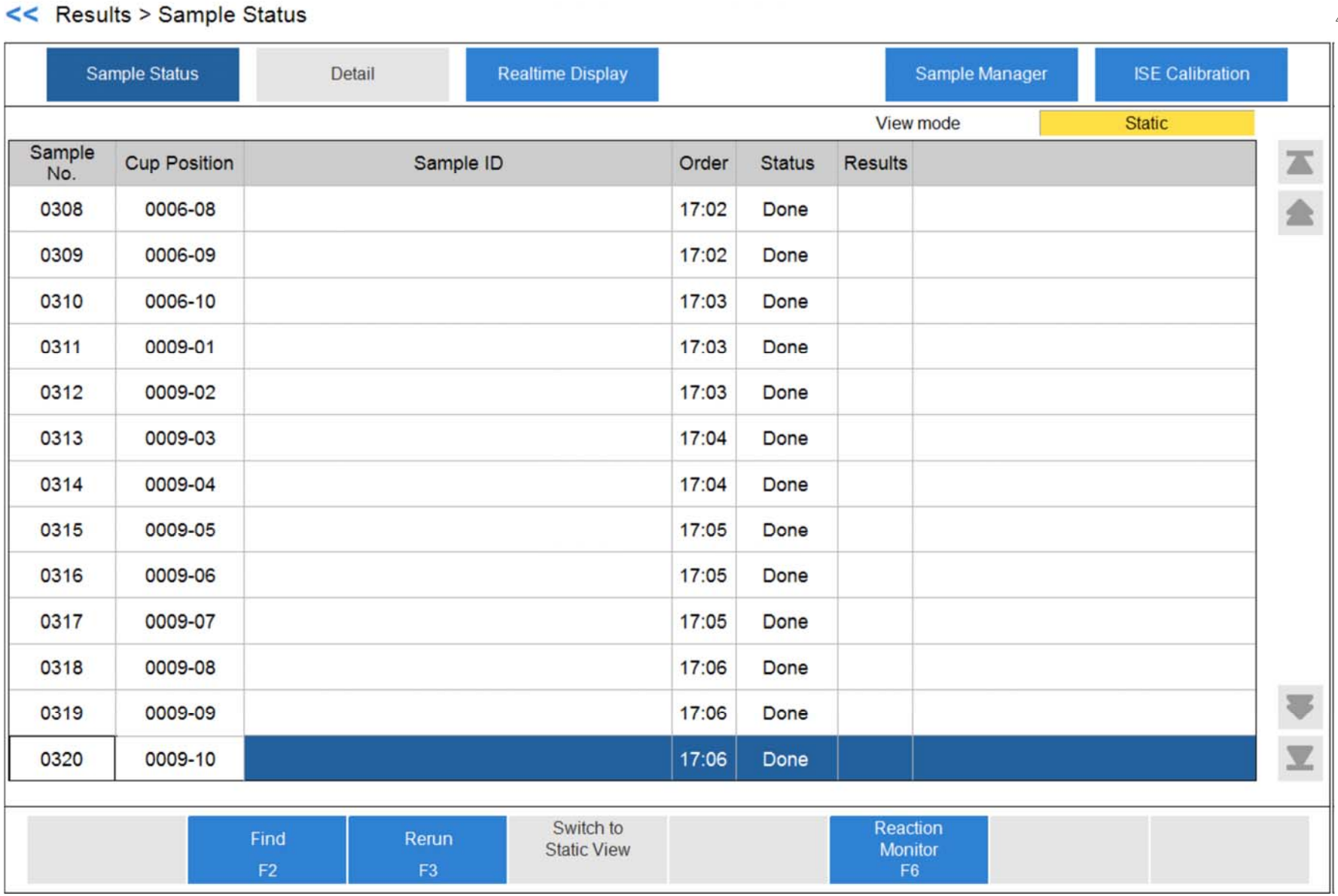
急诊界面


<< STAT > STAT Status
STAT Status
STAT (Patient)
STAT (Calibration)
STAT (QC)
Auto ACAL / QC Setup
Calibrator
Control
Pos. Kind Cup Status Sample No. Type Cup Information ID Comment
1 Patient Present 001 Serum 412316
2 Patient Present 002 Serum 123412
3 Patient None
4 Patient None
5 Patient None
6 Patient None
7 Patient None
8 Patient None
9 Patient None
10 Patient None
11 Patient None
12 Patient None
13 Patient None
14 Patient None
15 Patient None
16 Patient None
17 Patient None
18 Patient None
19 Patient None
20 Patient None
21 Patient None
22 Patient None
RB Cup Information
Pos. Cup Status Cup Information Comment
RB1 Present
RB2 Present Cup Exists
Delete Sample Assignment
STAT Pause F2
STAT Check F3
Display Sample Assignment F4
CAL/QC Position F5
STAT Table Setting F6
Previous Cup Set F7
Sample ID Edit

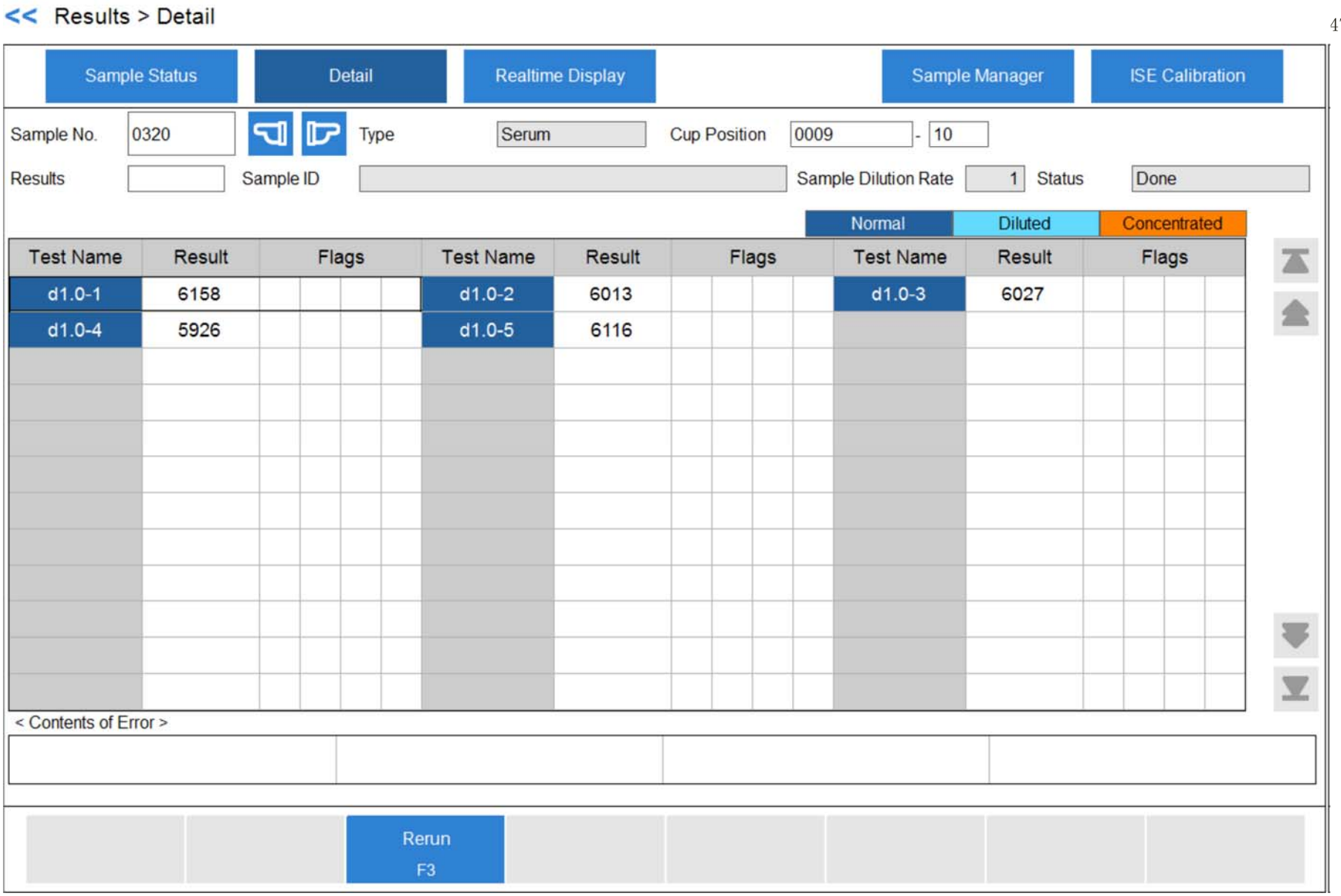
结果界面
样品管理


<< Results > Sample Manager
Sample Manager
Reaction Monitor
Data Statistics
Correlation Chart
Main
By Patient Sample
By Patient Test
Index
2.10/19/2015 11:06
-
2.10/19/2015 11:06
Select All Samples
Clear All Samples
Abnormal
Rerun Data
No.[^] Sample No. Cup Position Sample ID Run Date/Time Status
39 0029 0072-04 ODC0014 10/19/2015 13:54:03 Done
40 0030 0072-05 ODC0014 10/19/2015 13:54:07 Done
41 0031 0072-06 ODC0014 10/19/2015 13:54:12 Done
42 0032 0072-07 ODC0014 10/19/2015 13:54:16 Done
43 0033 0072-08 ODC0014 10/19/2015 13:54:21 Done
44 0034 0072-09 ODC0014 10/19/2015 13:54:26 Done
45 0035 0072-10 ODC0014 10/19/2015 13:54:30 Done
46 0036 0056-01 ODC0015 10/19/2015 13:54:35 Done
47 0037 0056-02 ODC0015 10/19/2015 13:54:39 Done
48 0038 0056-03 ODC0015 10/19/2015 13:54:44 Done
49 0039 0056-04 ODC0015 10/19/2015 13:54:48 Done
50 0040 0056-05 ODC0015 10/19/2015 13:54:53 Done
51 0041 0056-06 ODC0015 10/19/2015 13:54:57 Done
52 0042 0056-07 ODC0015 10/19/2015 13:55:02 Done
53 0043 0056-08 ODC0015 10/19/2015 13:55:06 Done
54 0044 0056-09 ODC0015 10/19/2015 13:55:11 Done
55 0045 0056-10 ODC0015 10/19/2015 13:55:15 Done
Copy to Disk F2
Find F3
External Memory Remove F4
Remove External Memory F4
Data Correction F6
Send to LIS F7
Print F8

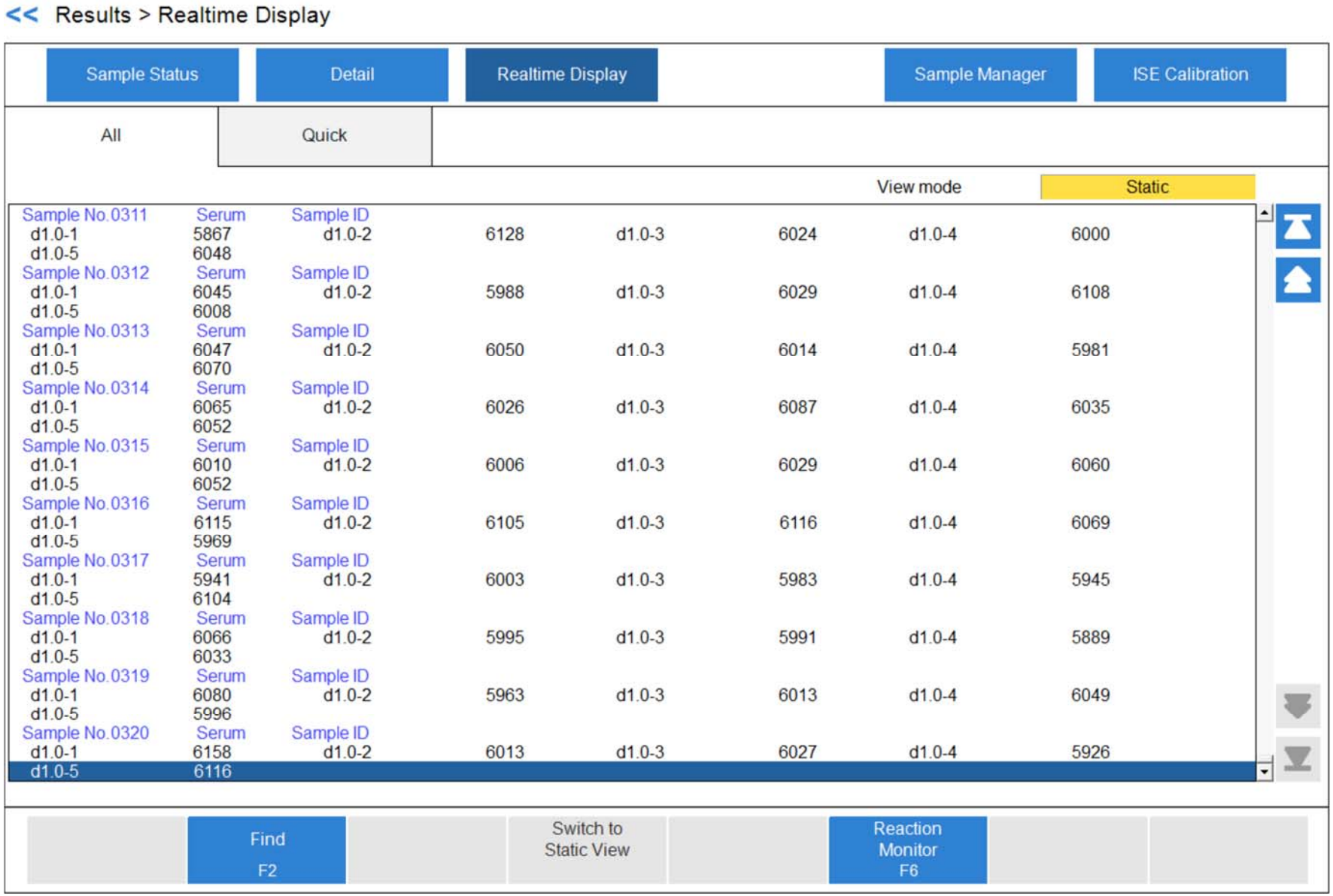
样品状态


<< Results > Sample Status
Sample Status
Detail
Realtime Display
Sample Manager
ISE Calibration
View mode
Static
Sample No.
Cup Position
Sample ID
Order
Status
Results
0308 0006-08 17:02 Done
0309 0006-09 17:02 Done
0310 0006-10 17:03 Done
0311 0009-01 17:03 Done
0312 0009-02 17:03 Done
0313 0009-03 17:04 Done
0314 0009-04 17:04 Done
0315 0009-05 17:05 Done
0316 0009-06 17:05 Done
0317 0009-07 17:05 Done
0318 0009-08 17:06 Done
0319 0009-09 17:06 Done
0320 0009-10 17:06 Done
Find F2
Rerun F3
Switch to Static View
Reaction Monitor F6

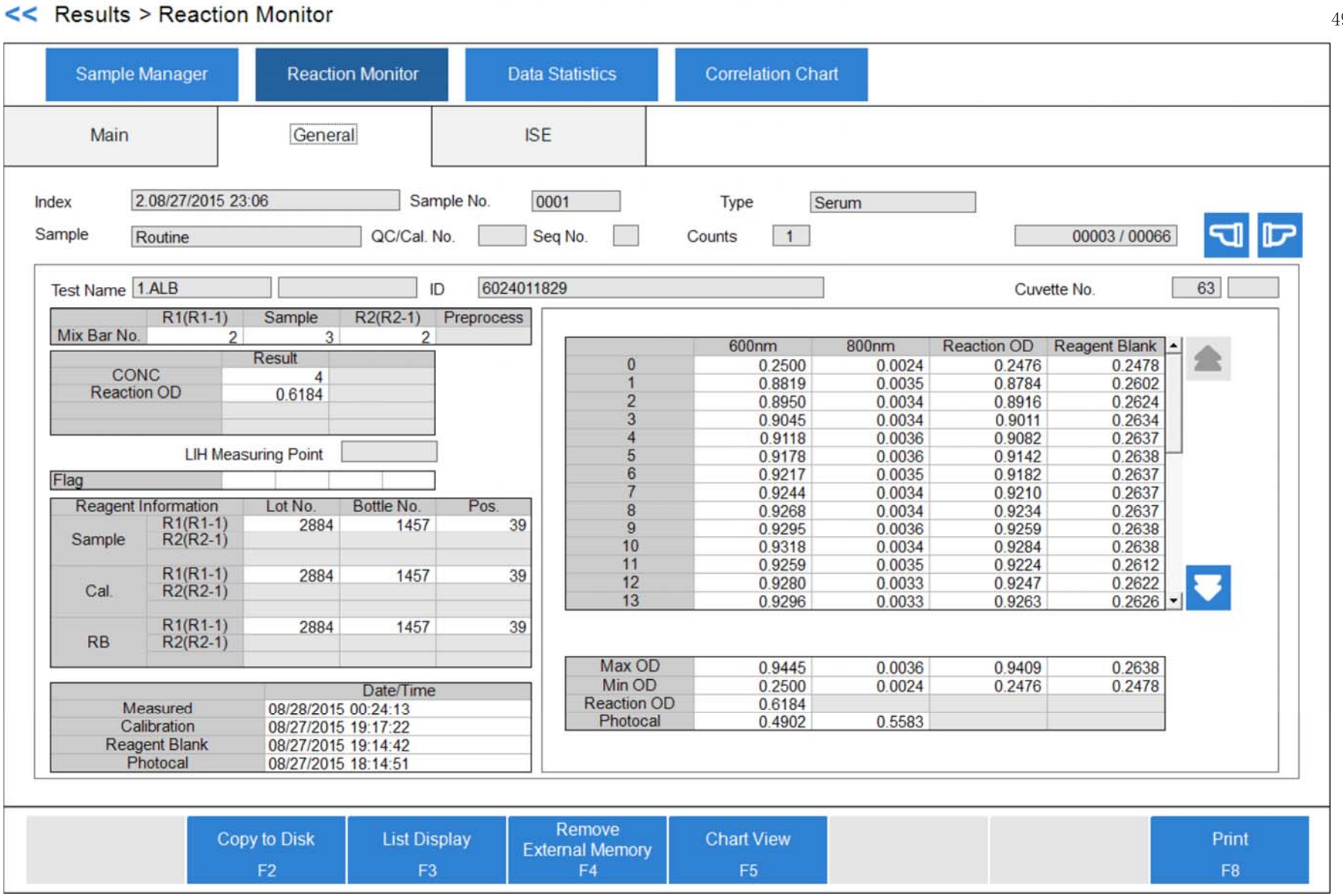
样品详情


<< Results > Detail
Sample Status
Detail
Realtime Display
Sample Manager
ISE Calibration
Sample No. 0320
Type Serum
Cup Position 0009 - 10
Results
Sample ID
Sample Dilution Rate 1
Status Done
Normal
Diluted
Concentrated
Test Name Result Flags Test Name Result Flags Test Name Result Flags
d1.0-1 6158 d1.0-2 6013 d1.0-3 6027
d1.0-4 5926 d1.0-5 6116
< Contents of Error >
Rerun
F3

实时显示


<< Results > Realtime Display
Sample Status
Detail
Realtime Display
Sample Manager
ISE Calibration
All
Quick
View mode
Static
Sample No.0311 Serum Sample ID
d1.0-1 5867 d1.0-2 6128 d1.0-3 6024 d1.0-4 6000
d1.0-5 6048
Sample No.0312 Serum Sample ID
d1.0-1 6045 d1.0-2 5988 d1.0-3 6029 d1.0-4 6108
d1.0-5 6008
Sample No.0313 Serum Sample ID
d1.0-1 6047 d1.0-2 6050 d1.0-3 6014 d1.0-4 5981
d1.0-5 6070
Sample No.0314 Serum Sample ID
d1.0-1 6065 d1.0-2 6026 d1.0-3 6087 d1.0-4 6035
d1.0-5 6052
Sample No.0315 Serum Sample ID
d1.0-1 6010 d1.0-2 6006 d1.0-3 6029 d1.0-4 6060
d1.0-5 6052
Sample No.0316 Serum Sample ID
d1.0-1 6115 d1.0-2 6105 d1.0-3 6116 d1.0-4 6069
d1.0-5 5969
Sample No.0317 Serum Sample ID
d1.0-1 5941 d1.0-2 6003 d1.0-3 5983 d1.0-4 5945
d1.0-5 6104
Sample No.0318 Serum Sample ID
d1.0-1 6066 d1.0-2 5995 d1.0-3 5991 d1.0-4 5889
d1.0-5 6033
Sample No.0319 Serum Sample ID
d1.0-1 6080 d1.0-2 5963 d1.0-3 6013 d1.0-4 6049
d1.0-5 5996
Sample No.0320 Serum Sample ID
d1.0-1 6158 d1.0-2 6013 d1.0-3 6027 d1.0-4 5926
d1.0-5 6116
Find F2
Switch to Static View
Reaction Monitor F6

反应监测


<< Results > Reaction Monitor
Sample Manager
Reaction Monitor
Data Statistics
Correlation Chart
Main
General
ISE
Index 2.08/27/2015 23:06
Sample No. 0001
Type Serum
Sample Routine
QC/Cal. No.
Seq No.
Counts 1
00003 / 00066
Test Name 1.ALB
ID 6024011829
Cuvette No. 63
Mix Bar No. R1(R1-1) 2 Sample 3 R2(R2-1) 2 Preprocess
Result
CONC 4
Reaction OD 0.6184
LIH Measuring Point
Flag
Reagent Information Lot No. Bottle No. Pos.
Sample R1(R1-1) R2(R2-1) 2884 1457 39
Cal. R1(R1-1) R2(R2-1) 2884 1457 39
RB R1(R1-1) R2(R2-1) 2884 1457 39
Date/Time
Measured 08/28/2015 00:24:13
Calibration 08/27/2015 19:17:22
Reagent Blank 08/27/2015 19:14:42
Photocal 08/27/2015 18:14:51
600nm 800nm Reaction OD Reagent Blank
0 0.2500 0.0024 0.2476 0.2478
1 0.8819 0.0035 0.8784 0.2602
2 0.8950 0.0034 0.8916 0.2624
3 0.9045 0.0034 0.9011 0.2634
4 0.9118 0.0036 0.9082 0.2637
5 0.9178 0.0036 0.9142 0.2638
6 0.9217 0.0035 0.9182 0.2637
7 0.9244 0.0034 0.9210 0.2637
8 0.9268 0.0034 0.9234 0.2637
9 0.9295 0.0036 0.9259 0.2638
10 0.9318 0.0034 0.9284 0.2638
11 0.9259 0.0035 0.9224 0.2612
12 0.9280 0.0033 0.9247 0.2622
13 0.9296 0.0033 0.9263 0.2626
Max OD 0.9445 0.0036 0.9409 0.2638
Min OD 0.2500 0.0024 0.2476 0.2478
Reaction OD 0.6184
Photocal 0.4902 0.5583
Copy to Disk F2
List Display F3
Remove External Memory F4
Chart View F5
Print F8

List Display

Range of Date 10/19/2015 13:39 - 10/19/2015 13:55

Number of Samples 45

No.	Cup Position	Sample No.	Sample ID	Run Date/Time	Test Name				
1	0027-01	0001	water	10/19/2015 13:40:24	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH
					13.UN	14.GLUC	15.CRP		
2	0027-02	0002	water	10/19/2015 13:41:00	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH
					13.UN	14.GLUC	15.CRP		
3	0027-03	0003	water	10/19/2015 13:41:36	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH
					13.UN	14.GLUC	15.CRP		
4	0027-04	0004	water	10/19/2015 13:42:12	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH
					13.UN	14.GLUC	15.CRP		
5	0027-05	0005	water	10/19/2015 13:42:49	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH
					13.UN	14.GLUC	15.CRP		
6	0002-01	0006	ODC0003	10/19/2015 13:43:43	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH
					13.UN	14.GLUC			
7	0002-02	0007	ODC0003	10/19/2015 13:44:15	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH
					13.UN	14.GLUC			
8	0002-03	0008	ODC0003	10/19/2015 13:44:46	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH
					13.UN	14.GLUC			
9	0002-04	0009	ODC0003	10/19/2015 13:45:18	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH
					13.UN	14.GLUC			
10	0002-05	0010	ODC0003	10/19/2015 13:45:50	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH
					13.UN	14.GLUC			
11	0002-06	0011	ODC0003	10/19/2015 13:46:21	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH
					13.UN	14.GLUC			
12	0002-07	0012	ODC0003	10/19/2015 13:46:53	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH
					13.UN	14.GLUC			
13	0002-08	0013	ODC0003	10/19/2015 13:47:25	8.ALB	9.ALT	10.CHOL	11.GGT19	12.LDH

Print Output Close

<< Results > Reaction Monitor

Sample Manager | Reaction Monitor | Data Statistics | Correlation Chart

Main | General

Index 1.09/22/2015 16:23 - 1.09/22/2015 16:23

Test Name All

Cuvette No. * Preprocess Cuvette No. * Abnormal

(Preprocess:Pre-dilution/Preprocess)

Patient | RB/Cal./QC

Mix Bar No. R11 * Sample * R21 * Preprocess *

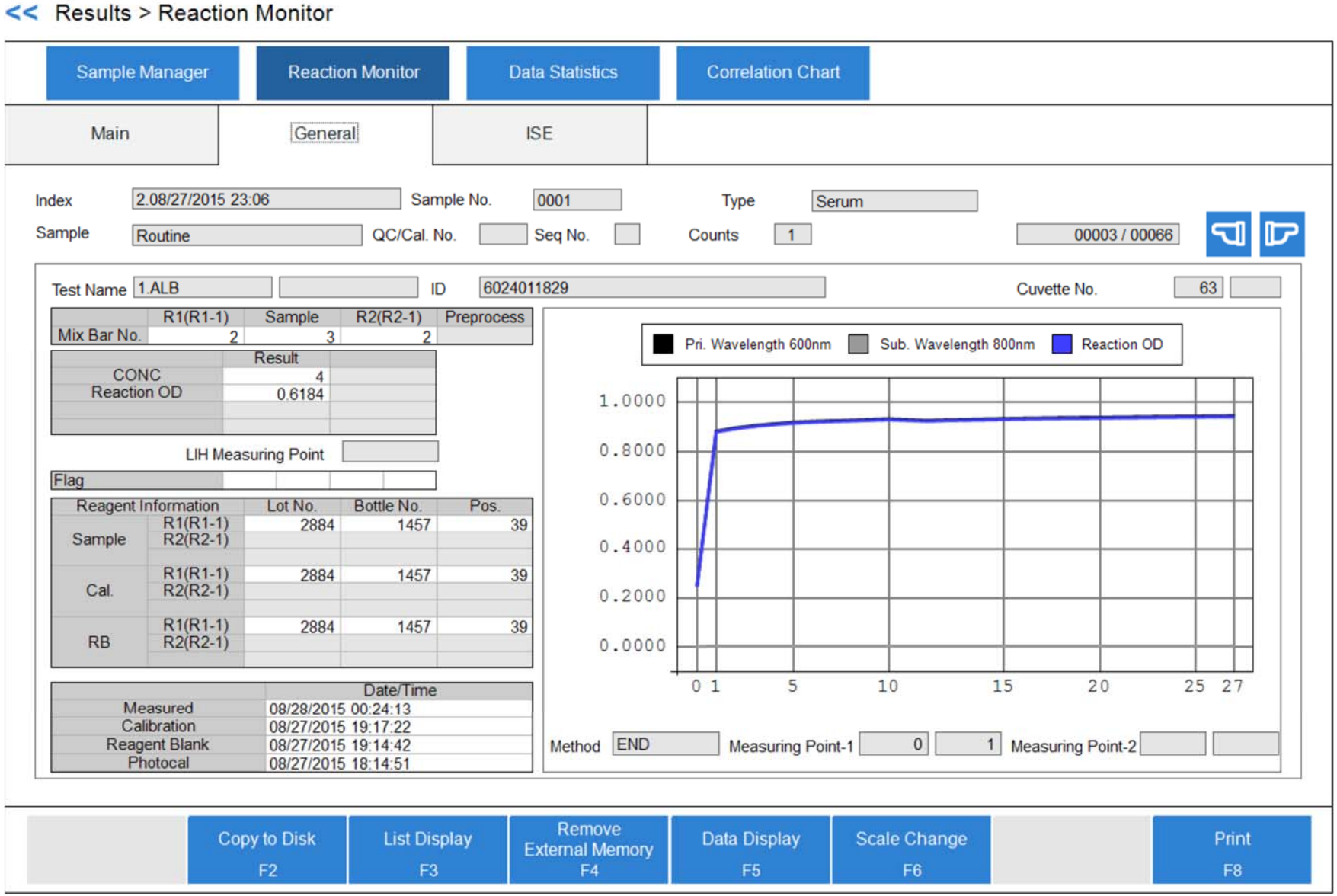
Sample Kind	Search by Sample No.						QC/Cal. No.	Search by Control / Calibrator ID
Calibration		-		*	-	*	*	*
QC		-		*	-	*	*	*
RB	R001	-	R001	*	-	*		*

	Counts	Sequence
Calibration	☑ 1 ☑ 2 ☑ 3 ☑ 4	☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5
QC		☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5
RB	☑ 1 ☑ 2 ☑ 3 ☑ 4	☑ 1 ☑ 2 ☑ 3 ☑ 4 ☑ 5

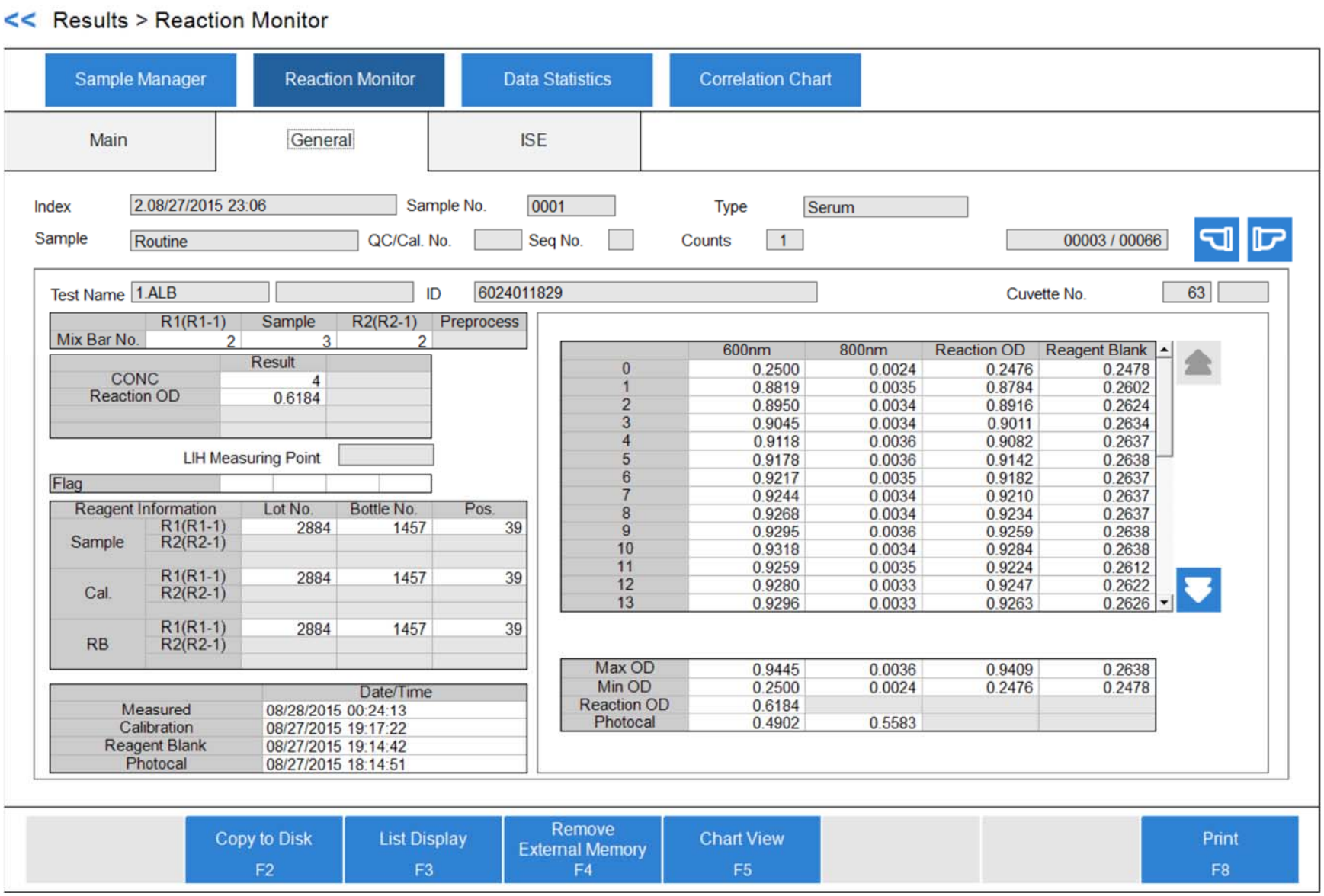
Search Condition F5

反应监测

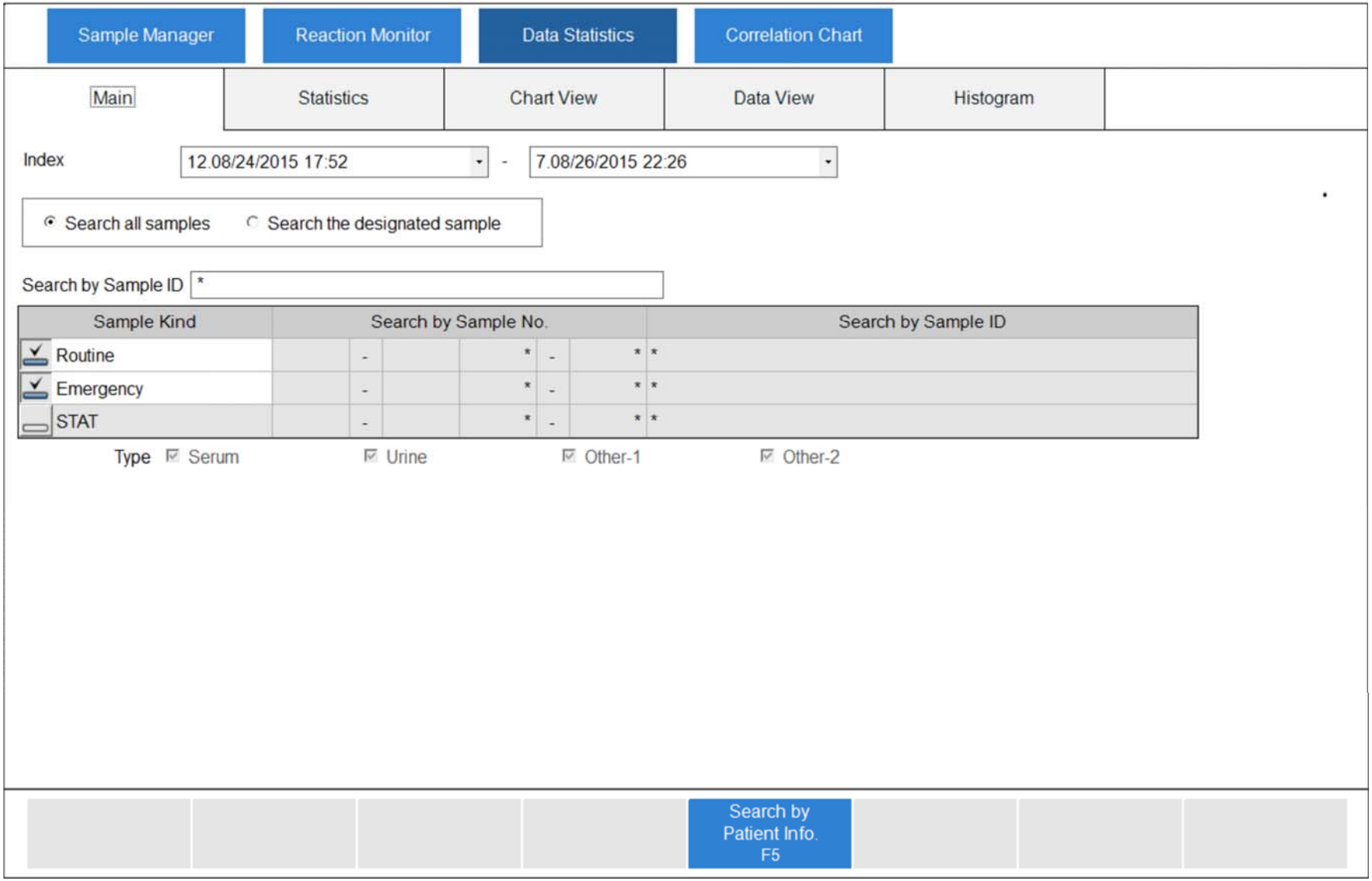
曲线


<< Results > Reaction Monitor
Sample Manager
Reaction Monitor
Data Statistics
Correlation Chart
Main
General
ISE
Index
2.08/27/2015 23:06
Sample No.
0001
Type
Serum
Sample
Routine
QC/Cal. No.
Seq No.
Counts
1
00003 / 00066
Test Name
1.ALB
ID
6024011829
Cuvette No.
63
R1(R1-1)
Sample
R2(R2-1)
Preprocess
Mix Bar No.
2
3
2
Result
CONC
4
Reaction OD
0.6184
LIH Measuring Point
Flag
Reagent Information
Lot No.
Bottle No.
Pos.
Sample
R1(R1-1)
R2(R2-1)
2884
1457
39
Cal.
R1(R1-1)
R2(R2-1)
2884
1457
39
RB
R1(R1-1)
R2(R2-1)
2884
1457
39
Date/Time
Measured
08/28/2015 00:24:13
Calibration
08/27/2015 19:17:22
Reagent Blank
08/27/2015 19:14:42
Photocal
08/27/2015 18:14:51
Pri. Wavelength 600nm
Sub. Wavelength 800nm
Reaction OD
1.0000
0.8000
0.6000
0.4000
0.2000
0.0000
0 1 5 10 15 20 25 27
Method
END
Measuring Point-1
0
1
Measuring Point-2
Copy to Disk F2
List Display F3
Remove External Memory F4
Data Display F5
Scale Change F6
Print F8

反应监测数据


<< Results > Reaction Monitor
Sample Manager
Reaction Monitor
Data Statistics
Correlation Chart
Main
General
ISE
Index 2.08/27/2015 23:06
Sample No. 0001
Type Serum
Sample Routine
QC/Cal. No.
Seq No.
Counts 1
00003 / 00066
Test Name 1.ALB
ID 6024011829
Cuvette No. 63
R1(R1-1) Sample R2(R2-1) Preprocess
Mix Bar No. 2 3 2
Result
CONC
Reaction OD 0.6184
LIH Measuring Point
Flag
Reagent Information Lot No. Bottle No. Pos.
Sample R1(R1-1) 2884 1457 39
R2(R2-1)
Cal. R1(R1-1) 2884 1457 39
R2(R2-1)
RB R1(R1-1) 2884 1457 39
R2(R2-1)
Date/Time
Measured 08/28/2015 00:24:13
Calibration 08/27/2015 19:17:22
Reagent Blank 08/27/2015 19:14:42
Photocal 08/27/2015 18:14:51
600nm 800nm Reaction OD Reagent Blank
0 0.2500 0.0024 0.2476 0.2478
1 0.8819 0.0035 0.8784 0.2602
2 0.8950 0.0034 0.8916 0.2624
3 0.9045 0.0034 0.9011 0.2634
4 0.9118 0.0036 0.9082 0.2637
5 0.9178 0.0036 0.9142 0.2638
6 0.9217 0.0035 0.9182 0.2637
7 0.9244 0.0034 0.9210 0.2637
8 0.9268 0.0034 0.9234 0.2637
9 0.9295 0.0036 0.9259 0.2638
10 0.9318 0.0034 0.9284 0.2638
11 0.9259 0.0035 0.9224 0.2612
12 0.9280 0.0033 0.9247 0.2622
13 0.9296 0.0033 0.9263 0.2626
Max OD 0.9445 0.0036 0.9409 0.2638
Min OD 0.2500 0.0024 0.2476 0.2478
Reaction OD 0.6184
Photocal 0.4902 0.5583
Copy to Disk F2
List Display F3
Remove External Memory F4
Chart View F5
Print F8

<< Results > Data Statistics



数据统计

<< Results > Data Statistics

Sample Manager | Reaction Monitor | Data Statistics | Correlation Chart

Main | Statistics | Chart View | Data View | Histogram

Index 12.08/24/2015 17:52 - 7.08/26/2015 22:26 Sample No. * - * Type (All)

Sample Kind (All) Sample ID * Number of Samples 4023 Other Type All

Sex All Age(Years/Months) 0 / 0 - 150 / 11

Test Name[^]	Number of Data	Mean	SD	CV(%)	Range	Max.	Min.
1.ALB	169	4.07	0.559	13.73	3.2	5.3	2.1
2.ALP	289	92.96	75.736	81.47	715.4	749.0	33.6
3.ALT	1826	26.2	25.99	99.20	390	393	3
4.AMY	17	44.8	20.14	44.96	77	100	23
5.AST	578	29.9	37.40	125.08	467	474	7
6.CO2	326	26.7	2.90	10.86	21	36	15
7.DBILC	31	0.1	0.34	340.00	1	1	0
9.TBILC	238	0.7	0.87	124.29	6	6	0
11.CA	439	9.5	0.59	6.21	3	11	8
13.CHOL	1814	185.0	41.15	22.24	409	495	86
16.CK	142	176.4	304.19	172.44	2863	2884	21
17.CRE	2145	1.1	0.60	54.55	12	12	0

Print F8

<< Results > Data Statistics

Sample Manager | Reaction Monitor | Data Statistics | Correlation Chart

Main | Statistics | Chart View | Data View | Histogram

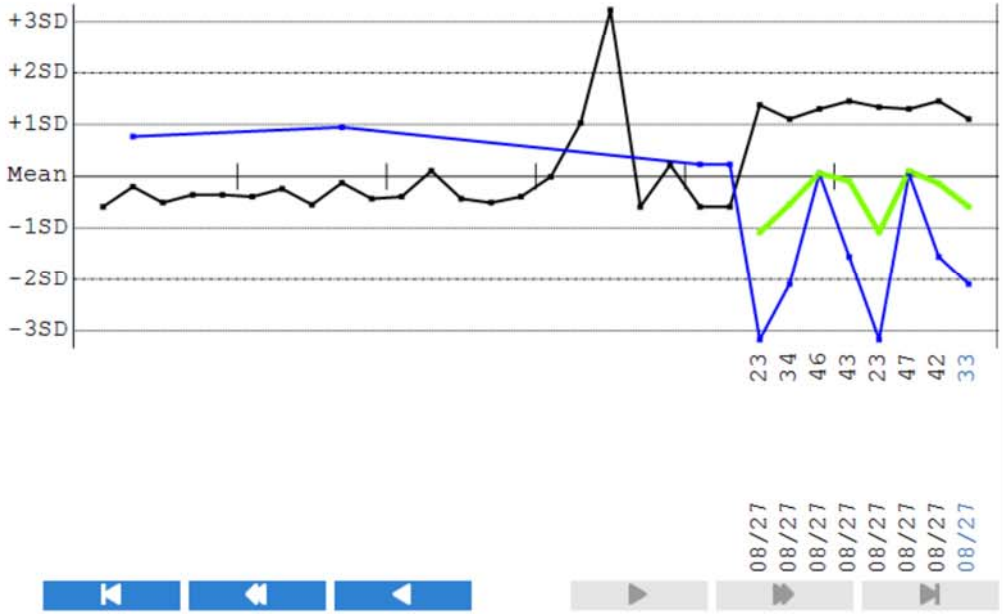
Index 12.08/24/2015 17:52 - 7.08/26/2015 22:26 Sample No. * - * Type (All)

Sample Kind (All) Sample ID * Number of Samples 4023 Other Type All

Sex All Age(Years/Months) 0 / 0 - 150 / 11

Test Name

1.ALB	3.ALT	4.AMY	



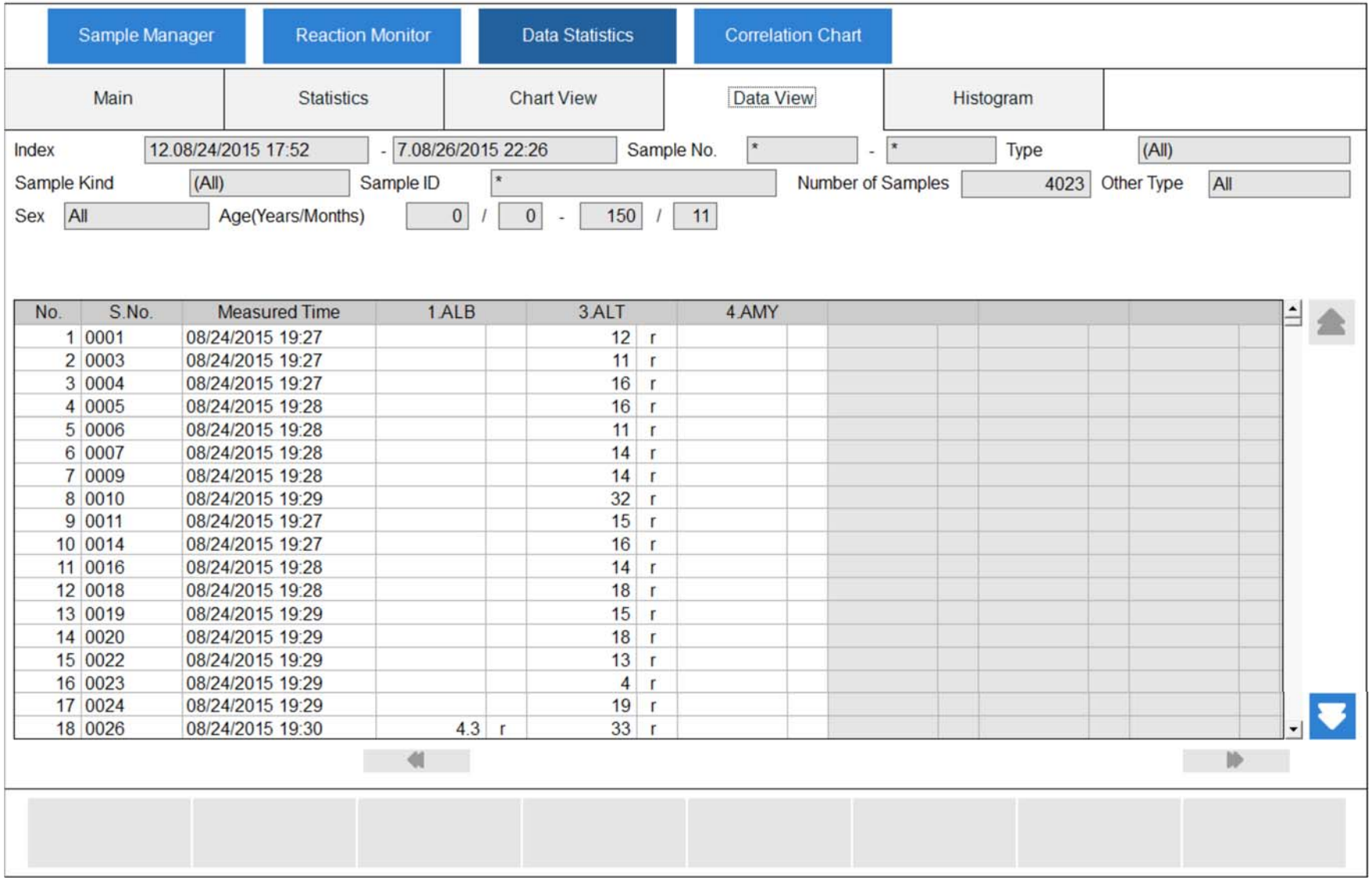
Statistics

N	Mean	SD	CV(%)	Range
17	44.8	20.14	44.96	77

Detail Data

Index	7.08/26/2015 22:26	
Measured Time	08/27/2015 02:11	
Sample No.	0423	
Result	33	
Flags	r	
Reagent Info.R1(R1-1)	2155	1952
Reagent Info.R2(R2-1)		
Reagent Info.R1-2		

Graph Scale F5



No.	S.No.	Measured Time	1 ALB		3 ALT		4 AMY	
1	0001	08/24/2015 19:27			12	r		
2	0003	08/24/2015 19:27			11	r		
3	0004	08/24/2015 19:27			16	r		
4	0005	08/24/2015 19:28			16	r		
5	0006	08/24/2015 19:28			11	r		
6	0007	08/24/2015 19:28			14	r		
7	0009	08/24/2015 19:28			14	r		
8	0010	08/24/2015 19:29			32	r		
9	0011	08/24/2015 19:27			15	r		
10	0014	08/24/2015 19:27			16	r		
11	0016	08/24/2015 19:28			14	r		
12	0018	08/24/2015 19:28			18	r		
13	0019	08/24/2015 19:29			15	r		
14	0020	08/24/2015 19:29			18	r		
15	0022	08/24/2015 19:29			13	r		
16	0023	08/24/2015 19:29			4	r		
17	0024	08/24/2015 19:29			19	r		
18	0026	08/24/2015 19:30	4.3	r	33	r		

<< Results > Data Statistics

Sample Manager | Reaction Monitor | Data Statistics | Correlation Chart

Main | Statistics | Chart View | Data View | Histogram

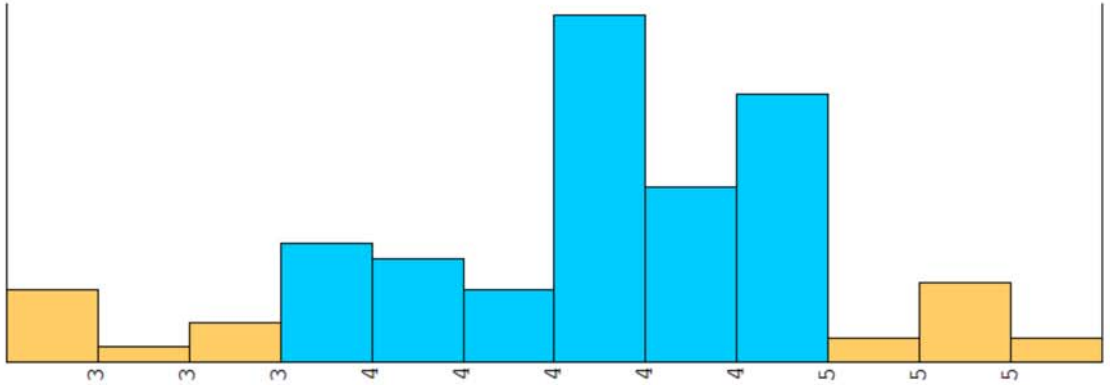
Index 12.08/24/2015 17:52 - 7.08/26/2015 22:26 Sample No. * - * Type (All)

Sample Kind (All) Sample ID * Number of Samples 4023 Other Type All

Sex All Age(Years/Months) 0 / 0 - 150 / 11

Test Name 1.ALB

9	2	5	15	13	9	44	22	34	3	10	3
5%	1%	3%	9%	8%	5%	26%	13%	20%	2%	6%	2%



N	169
Mean	4.1
SD	0.56
CV(%)	13.73
Range	3
Max.	5
Min.	2

Scale Change F5 | Print F8

相关性

<< Results > Correlation Chart

Sample Manager | Reaction Monitor | Data Statistics | Correlation Chart

Main | Data View | Chart View

Index 12.08/24/2015 17:52 - 7.08/26/2015 22:26

Sample No. * - * Type *

Sample Kind *

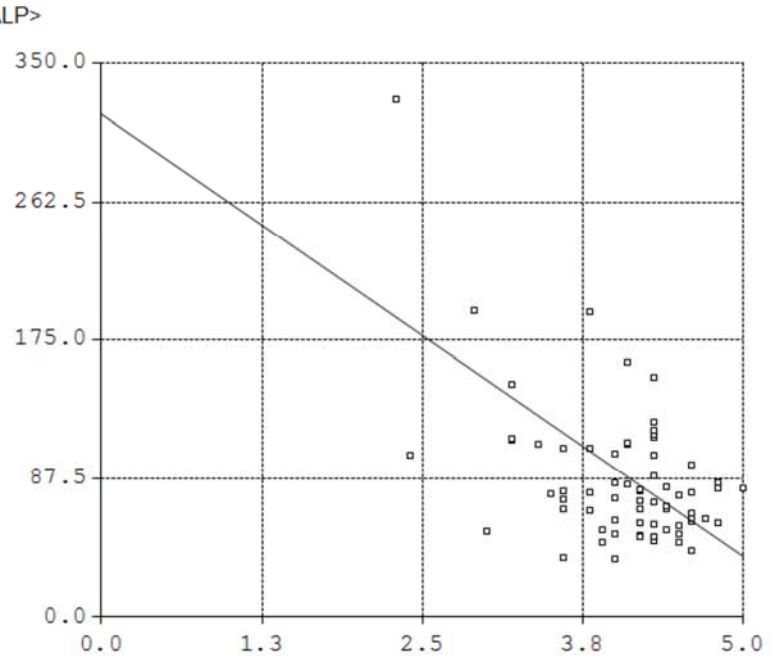
Sample ID *

Number of Samples 73 Other Type All

Sex All

Age(Years/Months) 0 / 0 - 150 / 11

	X Axis	Y Axis
Test Name	1.ALB	2.ALP
Mean	4.04	91.57
SD	0.580	53.630
CV(%)	14.36	58.57
Range	2.7	291.2
Max.	5.0	327.3
Min.	2.3	36.1



Regression Expression Y = -55.98648 X + 317.7426

Correlation Coefficient r = -0.605906

Scale Change F5 | Print F8

<< Results > Correlation Chart

Sample Manager | Reaction Monitor | Data Statistics | Correlation Chart

Main | Data View | Chart View

Index 12.08/24/2015 17:52 - 7.08/26/2015 22:26 Sample No. * - * Type *

Sample Kind * Sample ID * Number of Samples 73 Other Type All

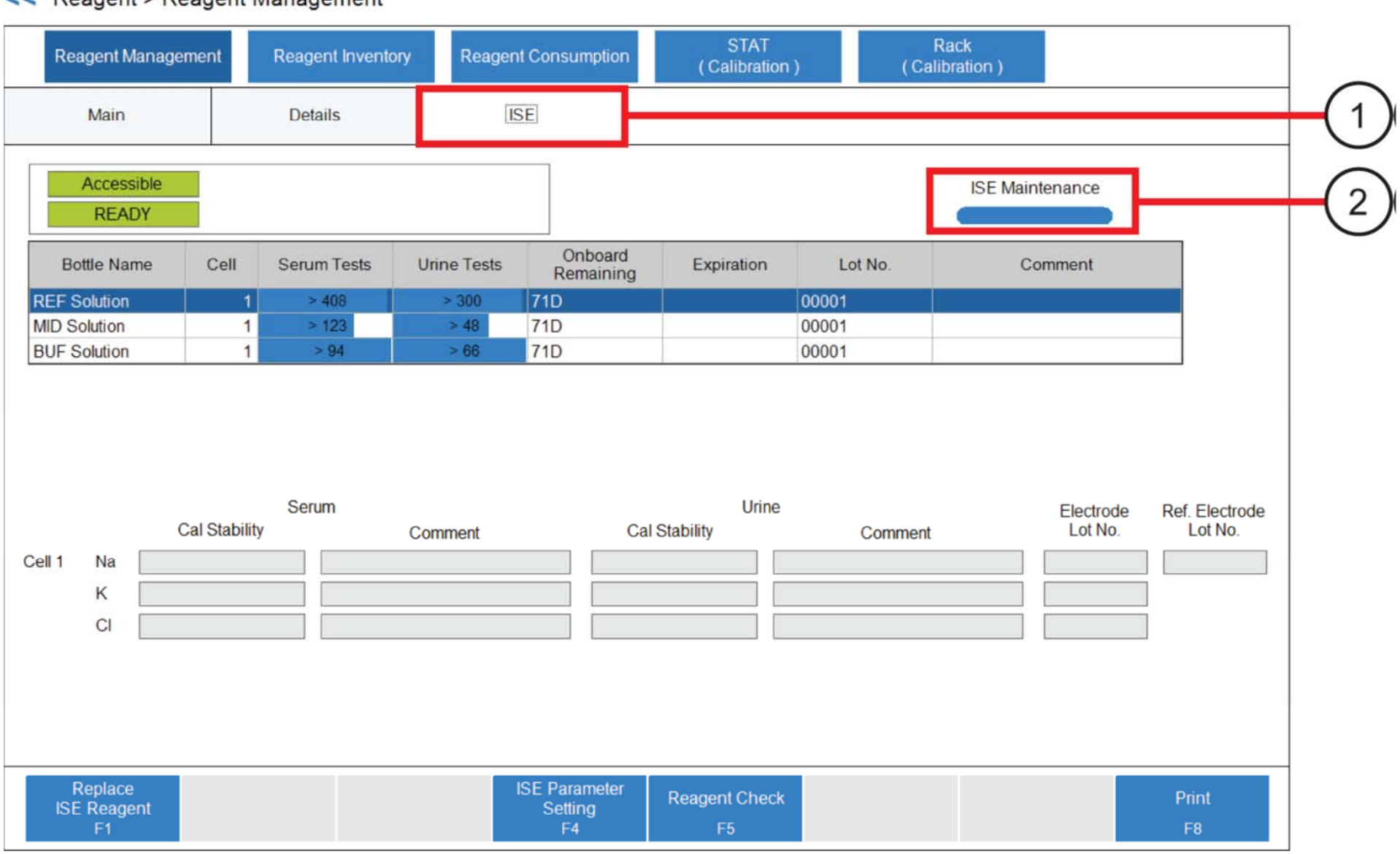
Sex All Age(Years/Months) 0 / 0 - 150 / 11

No.	S.No.	Measured Time	X Axis 1.ALB	Y Axis 2.ALP
1	0026	08/24/2015 19:30	4.3 r	72.4 r
2	0161	08/24/2015 19:41	3.6 r	79.5 r
3	0162	08/24/2015 19:41	3.9 r	54.9 r
4	0247	08/24/2015 19:51	4.2 r	51.4 r
5	0280	08/24/2015 19:55	3.9 r	46.7 r
6	0310	08/24/2015 20:26	4.1 r	83.9 r
7	0562	08/24/2015 21:00	4.2 r	80.2 r
8	0659	08/24/2015 21:09	4.1 r	108.8 r
9	0649	08/24/2015 21:09	3.0 r	53.5 r
10	0661	08/24/2015 21:10	3.6 r	68.3 r
11	0650	08/24/2015 21:10	4.0 r	36.1 r
12	0666	08/24/2015 21:11	4.2 r	50.3 r
13	0669	08/24/2015 21:12	3.8 r	106.7 r
14	0693	08/24/2015 21:15	4.2 r	79.3 r
15	0696	08/24/2015 21:16	4.3 r	113.2 r
16	0709	08/24/2015 21:17	3.4 r	109.2 r
17	0718	08/24/2015 21:20	4.6 r	78.6 r
18	0729	08/24/2015 21:20	4.3 r	151.5 r

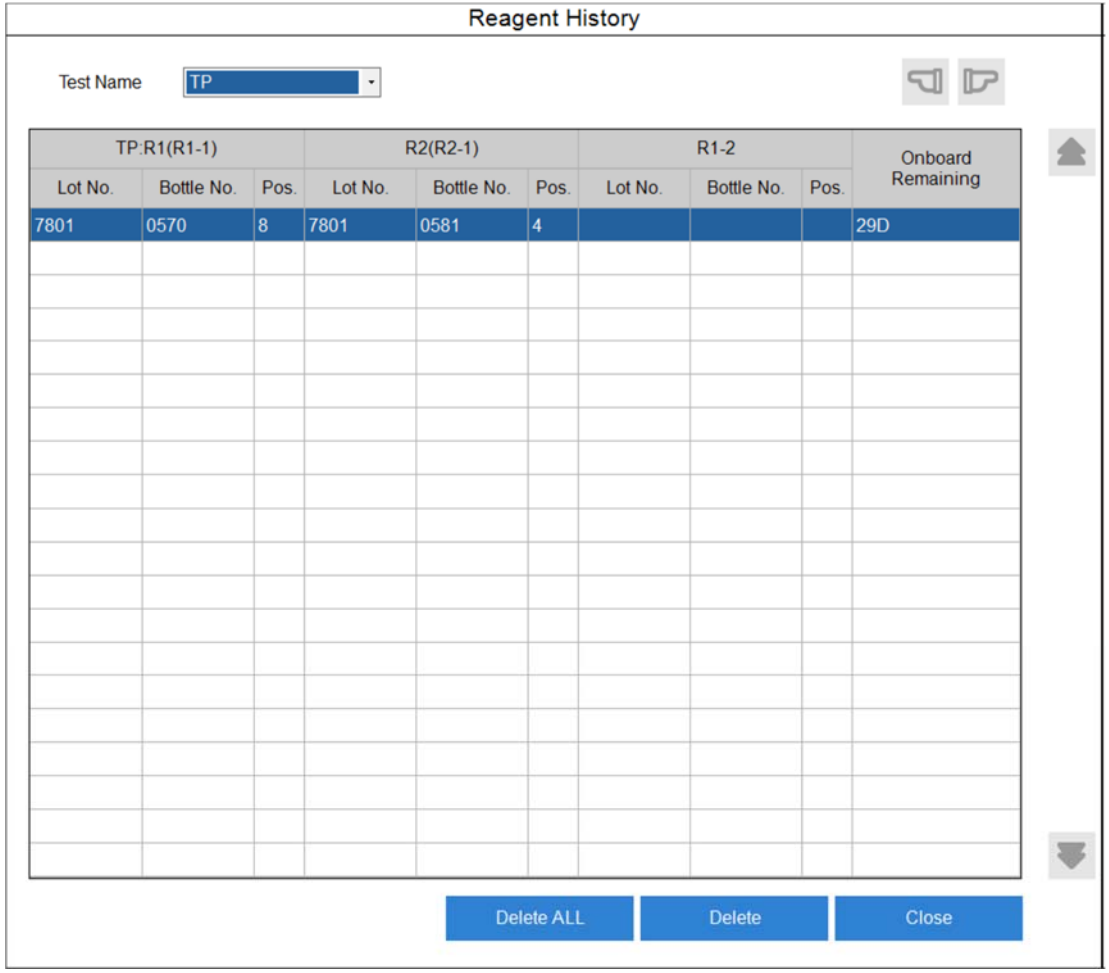
: Deselected from Chart View

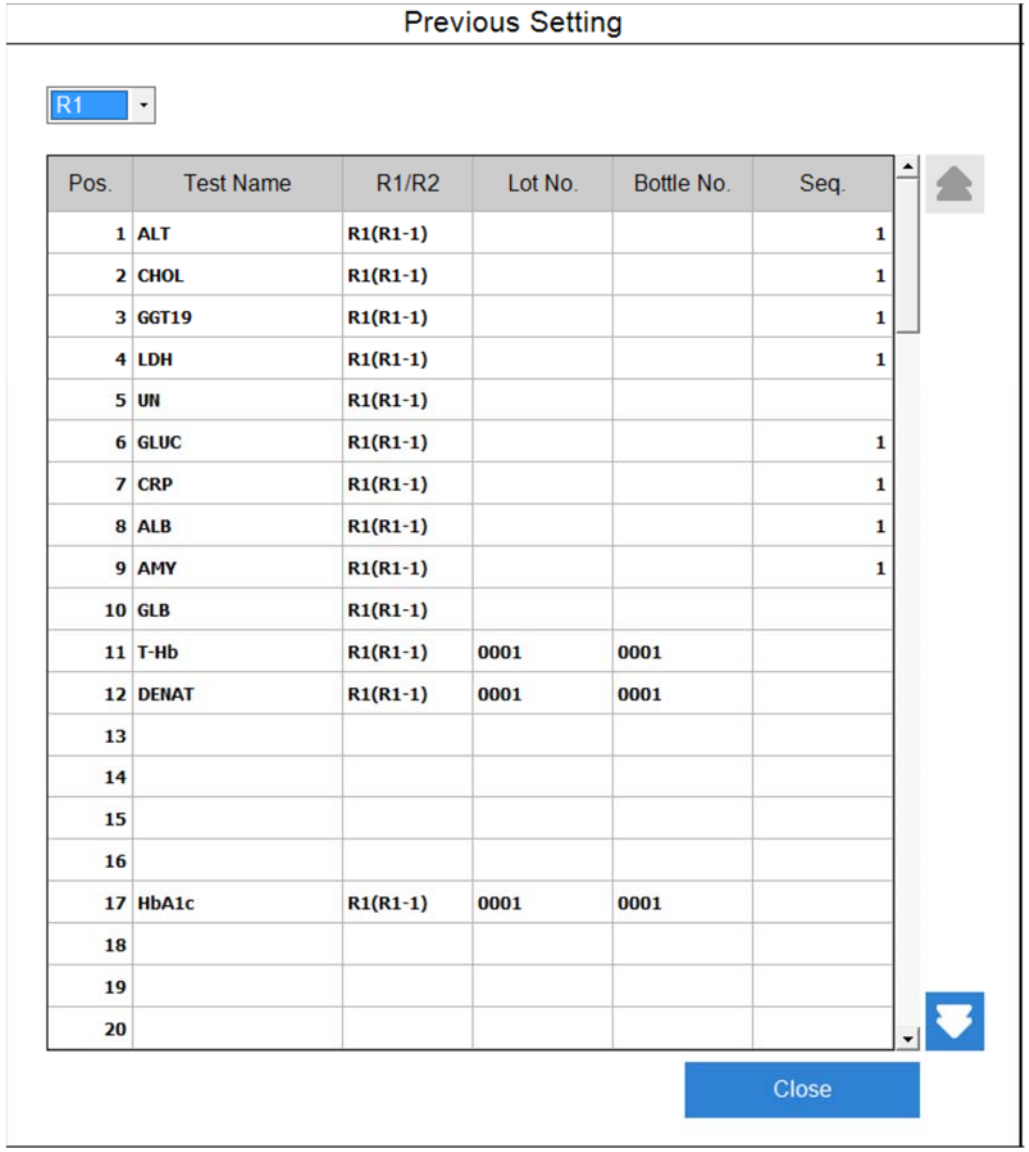
Select / Deselect F5

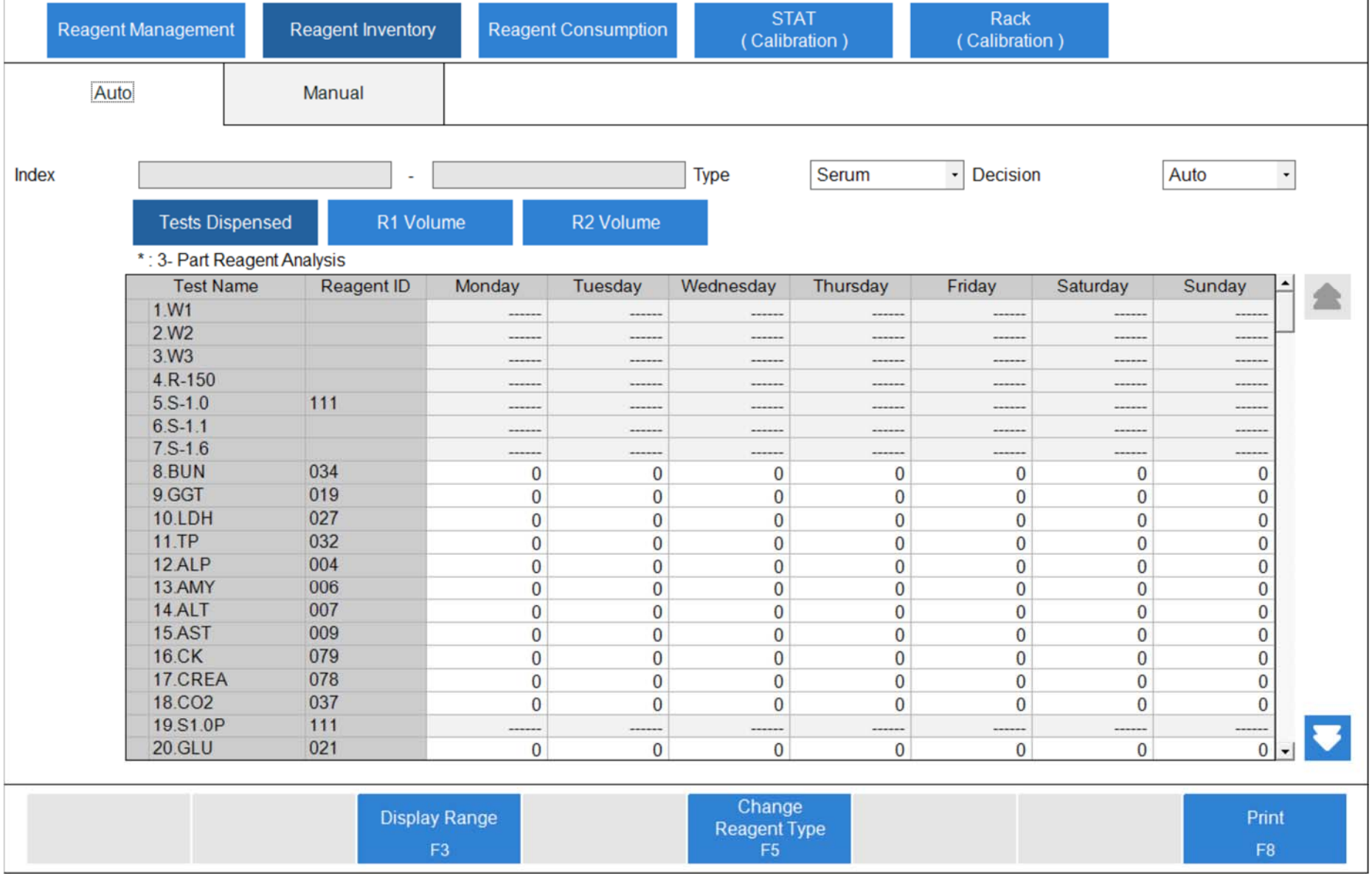
试剂界面
试剂管理
ISE



试剂历史


Reagent History
Test Name
TP
TP:R1(R1-1)
R2(R2-1)
R1-2
Onboard Remaining
Lot No.
Bottle No.
Pos.
7801
0570
8
7801
0581
4
29D
Delete ALL
Delete
Close


Previous Setting
R1
Pos.
Test Name
R1/R2
Lot No.
Bottle No.
Seq.
1 ALT R1(R1-1) 1
2 CHOL R1(R1-1) 1
3 GGT19 R1(R1-1) 1
4 LDH R1(R1-1) 1
5 UN R1(R1-1)
6 GLUC R1(R1-1) 1
7 CRP R1(R1-1) 1
8 ALB R1(R1-1) 1
9 AMY R1(R1-1) 1
10 GLB R1(R1-1)
11 T-Hb R1(R1-1) 0001 0001
12 DENAT R1(R1-1) 0001 0001
13
14
15
16
17 HbA1c R1(R1-1) 0001 0001
18
19
20
Close


Reagent Management
Reagent Inventory
Reagent Consumption
STAT (Calibration)
Rack (Calibration)
Auto
Manual
Index
-
Type
Serum
Decision
Auto
Tests Dispensed
R1 Volume
R2 Volume
* : 3- Part Reagent Analysis
Test Name | Reagent ID | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday
1.W1 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------
2.W2 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------
3.W3 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------
4.R-150 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------
5.S-1.0 | 111 | ------ | ------ | ------ | ------ | ------ | ------ | ------
6.S-1.1 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------
7.S-1.6 | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------
8.BUN | 034 | 0 | 0 | 0 | 0 | 0 | 0 | 0
9.GGT | 019 | 0 | 0 | 0 | 0 | 0 | 0 | 0
10.LDH | 027 | 0 | 0 | 0 | 0 | 0 | 0 | 0
11.TP | 032 | 0 | 0 | 0 | 0 | 0 | 0 | 0
12.ALP | 004 | 0 | 0 | 0 | 0 | 0 | 0 | 0
13.AMY | 006 | 0 | 0 | 0 | 0 | 0 | 0 | 0
14.ALT | 007 | 0 | 0 | 0 | 0 | 0 | 0 | 0
15.AST | 009 | 0 | 0 | 0 | 0 | 0 | 0 | 0
16.CK | 079 | 0 | 0 | 0 | 0 | 0 | 0 | 0
17.CREA | 078 | 0 | 0 | 0 | 0 | 0 | 0 | 0
18.CO2 | 037 | 0 | 0 | 0 | 0 | 0 | 0 | 0
19.S1.0P | 111 | ------ | ------ | ------ | ------ | ------ | ------ | ------
20.GLU | 021 | 0 | 0 | 0 | 0 | 0 | 0 | 0
Display Range F3
Change Reagent Type F5
Print F8

试剂消耗

<< Reagent > Reagent Consumption

Reagent Management | Reagent Inventory | Reagent Consumption | STAT (Calibration) | Rack (Calibration)

Date 1 2 - 3 4 Type 5

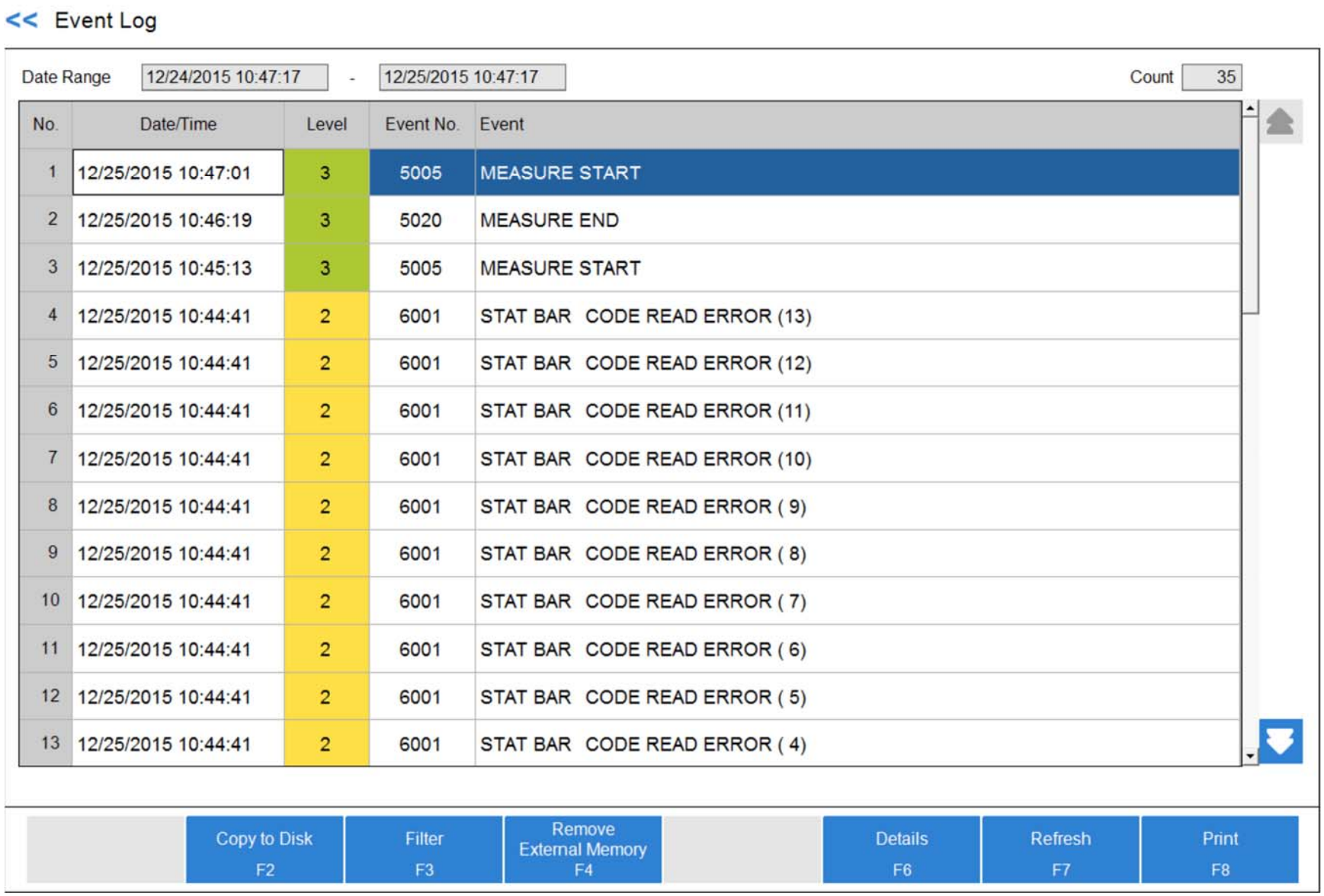
Tests Dispensed | R1 Volume | R2 Volume | Reportable Tests | Cumulative Tests Dispensed

*: 3- Part Reagent Analysis

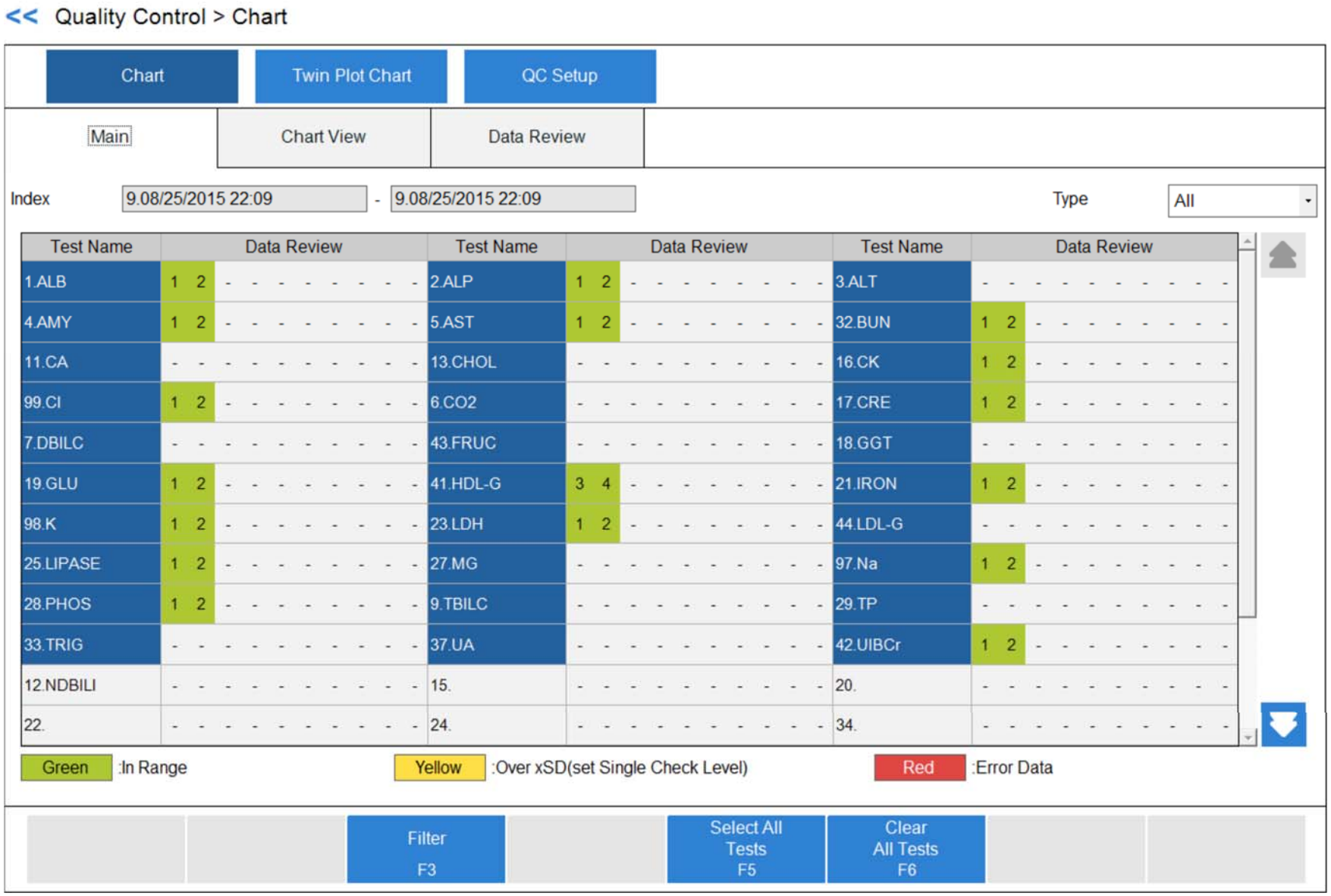
Test Name	Reagent ID	Routine	Emergency	STAT	Sub Total	Rerun	RB	ACAL	QC	Total
1.ALB	002	5763	11	0	5774	134	58	46	1151	7163
2.ALP	004	8416	32	0	8448	23	375	0	1043	9889
3.ALT	007	24393	7	0	24400	15	482	0	1209	26106
4.AMY	006	2226	61	0	2287	55	542	0	1294	4178
5.AST	009	9297	7	0	9304	5	420	0	1099	10828
6.CO2	037	9748	7	0	9755	29	410	795	1108	12097
7.DBILC	011	1470	26	0	1496	266	62	62	1021	2907
8.DBB	010	1470	26	0	1496	266	62	62	1021	2907
9.TBILC	012	6183	7	0	6190	14	28	28	1111	7371
10.TBB	025	6181	7	0	6188	14	28	28	1111	7369
11.CA	117	6765	7	0	6772	16	48	92	1062	7990
12.NDBILI	181	0	0	0	0	0	0	0	0	0
13.CHOL	016	20747	4	0	20751	43	34	30	1101	21959
14.AMMON	154	0	0	0	0	0	0	0	0	0
15.		0	0	0	0	0	0	0	0	0
16.CK	079	3171	8	0	3179	12	432	0	1177	4800
17.CRE	078	29631	24	0	29655	176	518	1020	1279	32648
18.GGT	019	691	6	0	697	15	166	0	287	1165
19.GLU	021	22950	5	0	22955	100	40	36	1170	24301
20.		0	0	0	0	0	0	0	0	0
Total		353352	632	0	353984	2114	5942	3567	35005	400612
Samples		---	---	---	---	---	---	---	---	---

Copy to Disk F2 | Display Range F3 | Remove External Memory F4 | Change Reagent Type F5 | Print F8

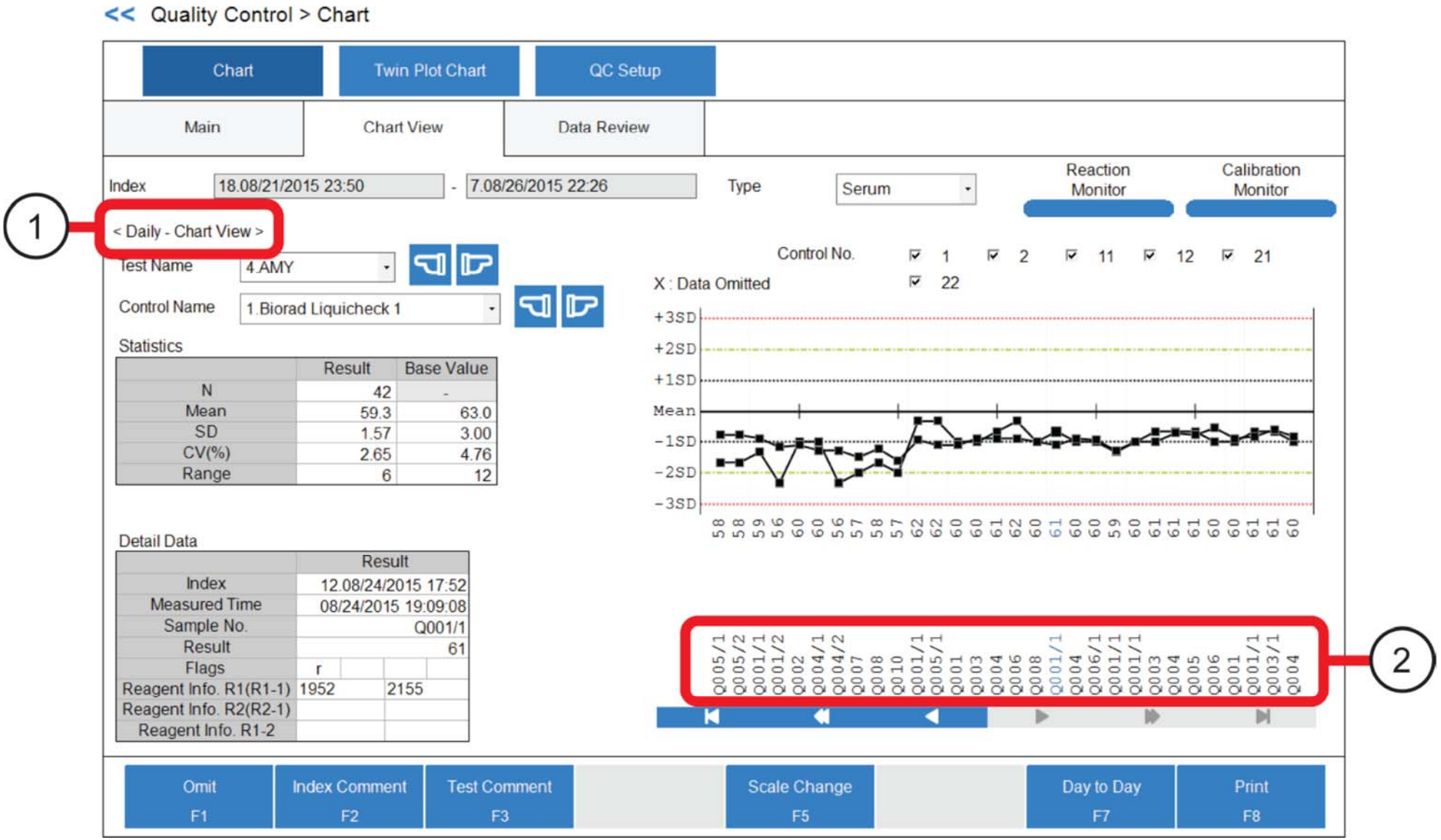
事件日志


<< Event Log
Date Range 12/24/2015 10:47:17 - 12/25/2015 10:47:17 Count 35
No. Date/Time Level Event No. Event
1 12/25/2015 10:47:01 3 5005 MEASURE START
2 12/25/2015 10:46:19 3 5020 MEASURE END
3 12/25/2015 10:45:13 3 5005 MEASURE START
4 12/25/2015 10:44:41 2 6001 STAT BAR CODE READ ERROR (13)
5 12/25/2015 10:44:41 2 6001 STAT BAR CODE READ ERROR (12)
6 12/25/2015 10:44:41 2 6001 STAT BAR CODE READ ERROR (11)
7 12/25/2015 10:44:41 2 6001 STAT BAR CODE READ ERROR (10)
8 12/25/2015 10:44:41 2 6001 STAT BAR CODE READ ERROR (9)
9 12/25/2015 10:44:41 2 6001 STAT BAR CODE READ ERROR (8)
10 12/25/2015 10:44:41 2 6001 STAT BAR CODE READ ERROR (7)
11 12/25/2015 10:44:41 2 6001 STAT BAR CODE READ ERROR (6)
12 12/25/2015 10:44:41 2 6001 STAT BAR CODE READ ERROR (5)
13 12/25/2015 10:44:41 2 6001 STAT BAR CODE READ ERROR (4)
Copy to Disk F2
Filter F3
Remove External Memory F4
Details F6
Refresh F7
Print F8

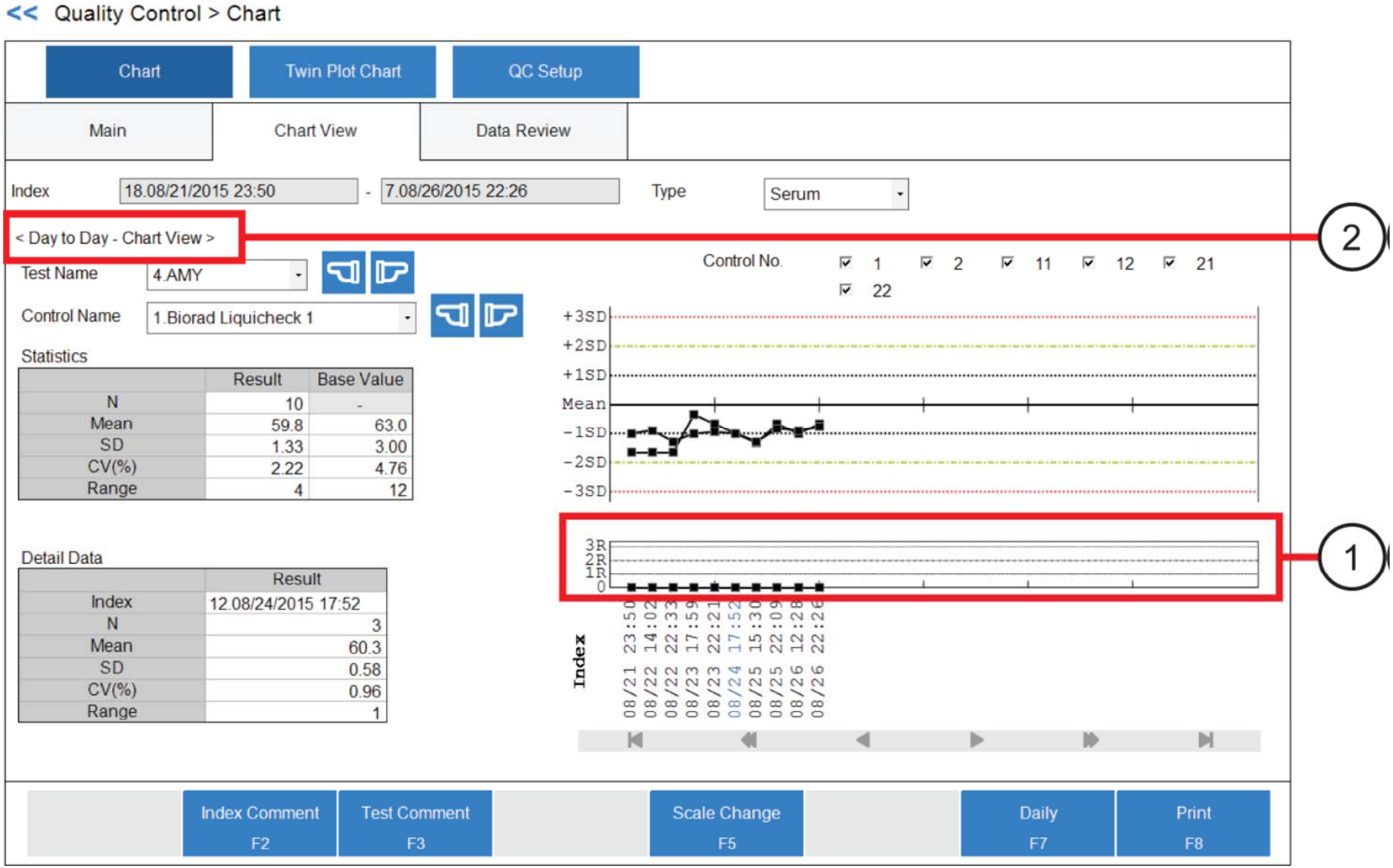
质控界面


<< Quality Control > Chart
Chart
Twin Plot Chart
QC Setup
Main
Chart View
Data Review
Index
9.08/25/2015 22:09
-
9.08/25/2015 22:09
Type
All
Test Name
Data Review
1.ALB
2.ALP
3.ALT
4.AMY
5.AST
32.BUN
11.CA
13.CHOL
16.CK
99.Cl
6.CO2
17.CRE
7.DBILC
43.FRUC
18.GGT
19.GLU
41.HDL-G
21.IRON
98.K
23.LDH
44.LDL-G
25.LIPASE
27.MG
97.Na
28.PHOS
9.TBILC
29.TP
33.TRIG
37.UA
42.UIBCr
12.NDBILI
15.
20.
22.
24.
34.
Green :In Range
Yellow :Over xSD(set Single Check Level)
Red :Error Data
Filter F3
Select All Tests F5
Clear All Tests F6

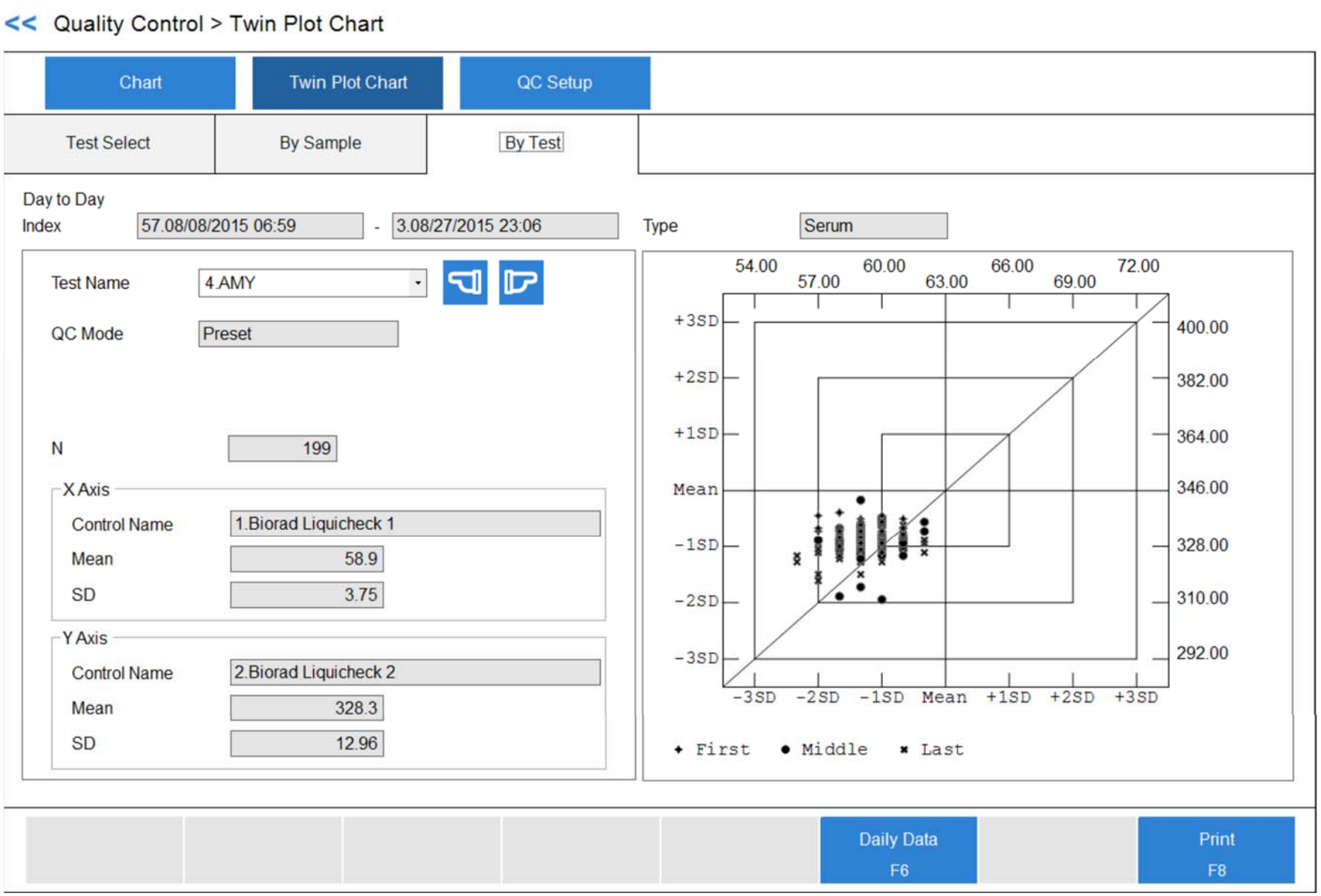
质控图


<< Quality Control > Chart
Chart
Twin Plot Chart
QC Setup
Main
Chart View
Data Review
Index
18.08/21/2015 23:50
-
7.08/26/2015 22:26
Type
Serum
Reaction Monitor
Calibration Monitor
1
< Daily - Chart View >
Test Name
4.AMY
Control Name
1.Biorad Liquicheck 1
Control No.
1
2
11
12
21
22
X : Data Omitted
+3SD
+2SD
+1SD
Mean
-1SD
-2SD
-3SD
Statistics
Result
Base Value
N 42 -
Mean 59.3 63.0
SD 1.57 3.00
CV(%) 2.65 4.76
Range 6 12
Detail Data
Result
Index 12.08/24/2015 17:52
Measured Time 08/24/2015 19:09:08
Sample No. Q001/1
Result 61
Flags r
Reagent Info. R1(R1-1) 1952 2155
Reagent Info. R2(R2-1)
Reagent Info. R1-2
2
Omit F1
Index Comment F2
Test Comment F3
Scale Change F5
Day to Day F7
Print F8

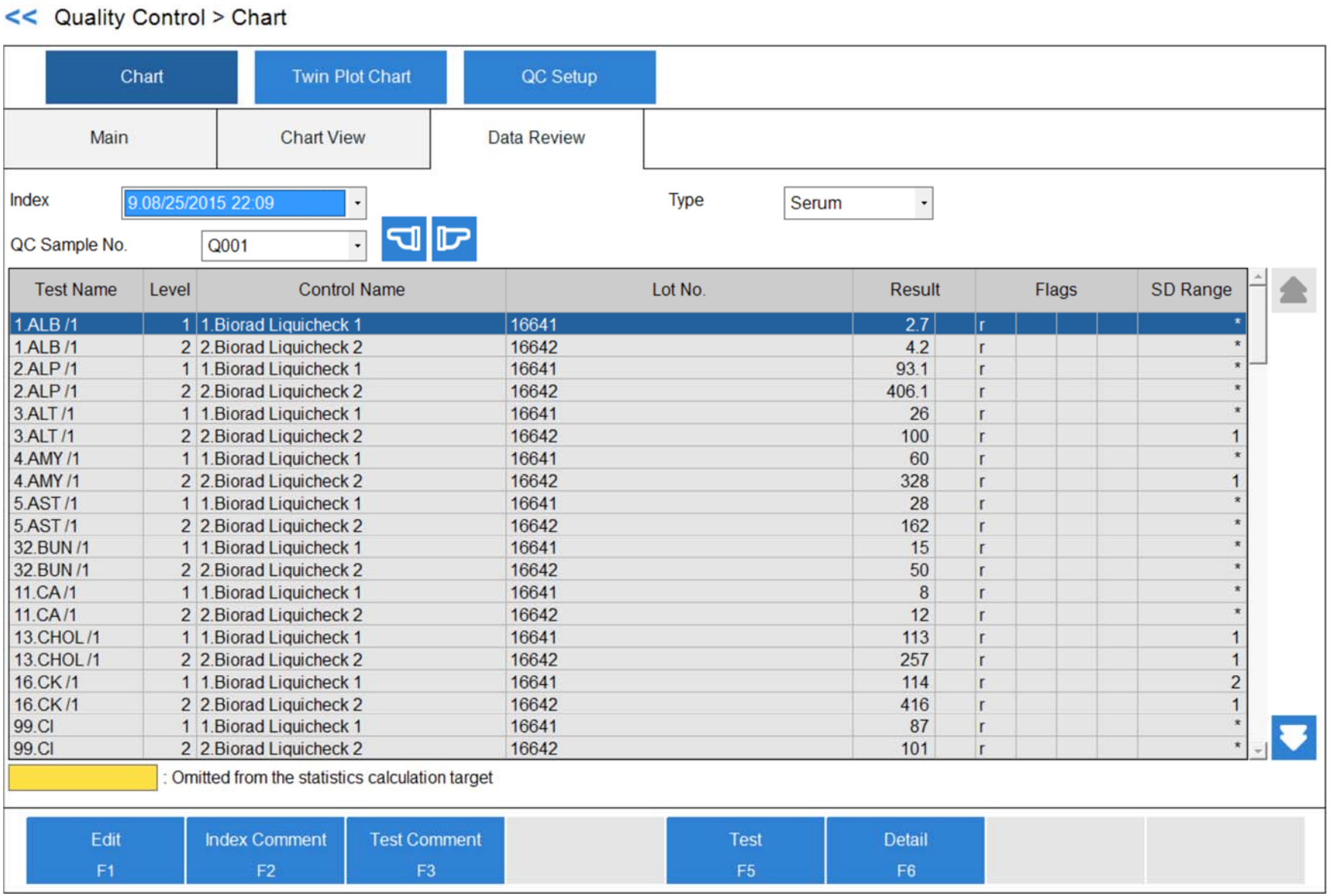
日间质控图


<< Quality Control > Chart
Chart
Twin Plot Chart
QC Setup
Main
Chart View
Data Review
Index
18.08/21/2015 23:50
-
7.08/26/2015 22:26
Type
Serum
< Day to Day - Chart View >
Test Name
4.AMY
Control Name
1.Biorad Liquicheck 1
Control No.
1
2
11
12
21
22
Statistics
Result
Base Value
N 10 -
Mean 59.8 63.0
SD 1.33 3.00
CV(%) 2.22 4.76
Range 4 12
Detail Data
Result
Index 12.08/24/2015 17:52
N 3
Mean 60.3
SD 0.58
CV(%) 0.96
Range 1
+3SD
+2SD
+1SD
Mean
-1SD
-2SD
-3SD
3R
2R
1R
0
Index
08/21 23:50
08/22 14:02
08/22 22:33
08/23 17:59
08/23 22:21
08/24 17:52
08/25 15:30
08/25 22:09
08/26 12:28
08/26 22:26
Index Comment F2
Test Comment F3
Scale Change F5
Daily F7
Print F8
1
2

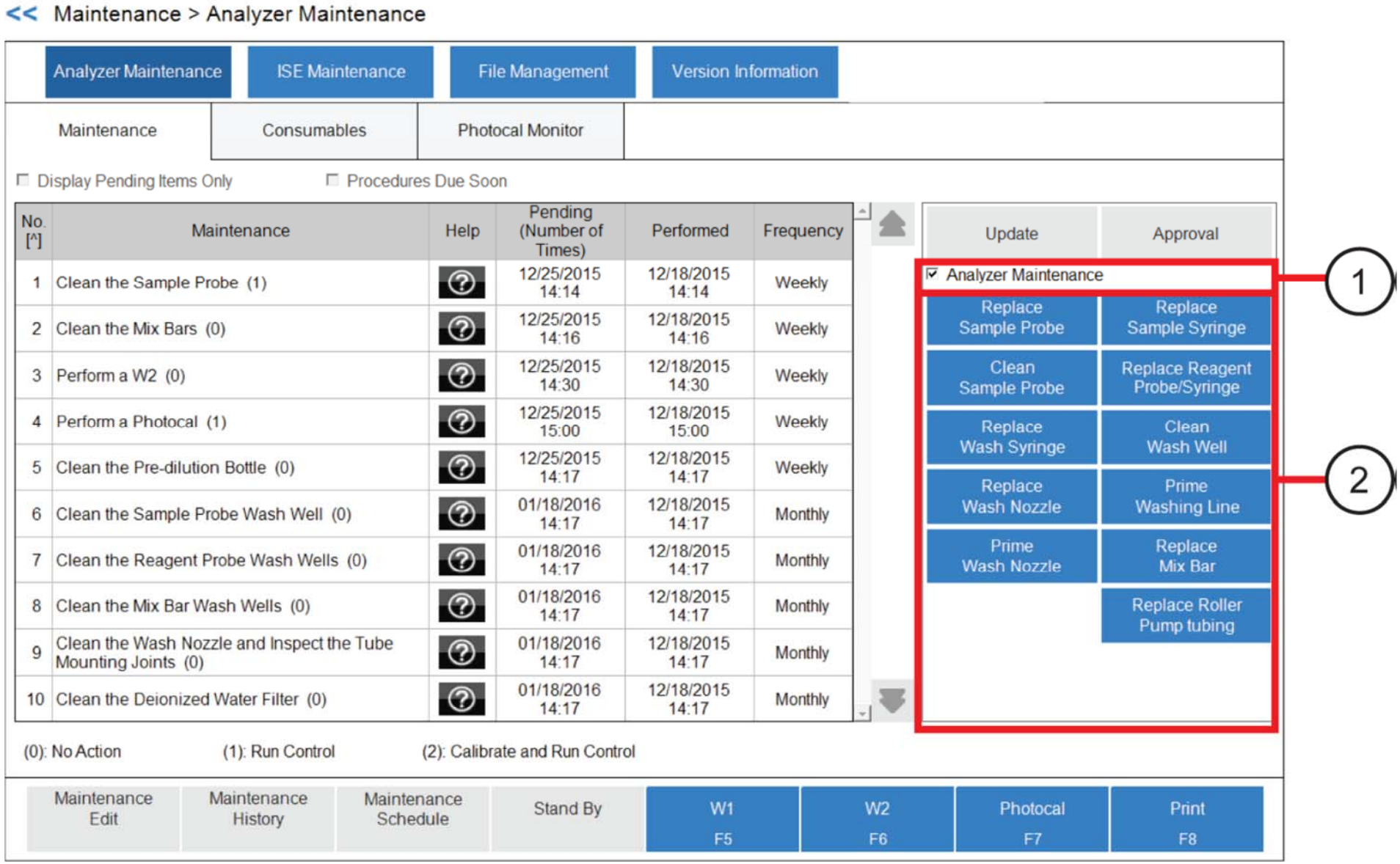
双质控图


<< Quality Control > Twin Plot Chart
Chart
Twin Plot Chart
QC Setup
Test Select
By Sample
By Test
Day to Day
Index
57.08/08/2015 06:59
-
3.08/27/2015 23:06
Type
Serum
Test Name
4.AMY
QC Mode
Preset
N
199
X Axis
Control Name
1.Biorad Liquicheck 1
Mean
58.9
SD
3.75
Y Axis
Control Name
2.Biorad Liquicheck 2
Mean
328.3
SD
12.96
54.00
57.00
60.00
63.00
66.00
69.00
72.00
+3SD
+2SD
+1SD
Mean
-1SD
-2SD
-3SD
400.00
382.00
364.00
346.00
328.00
310.00
292.00
First
Middle
Last
Daily Data
F6
Print
F8

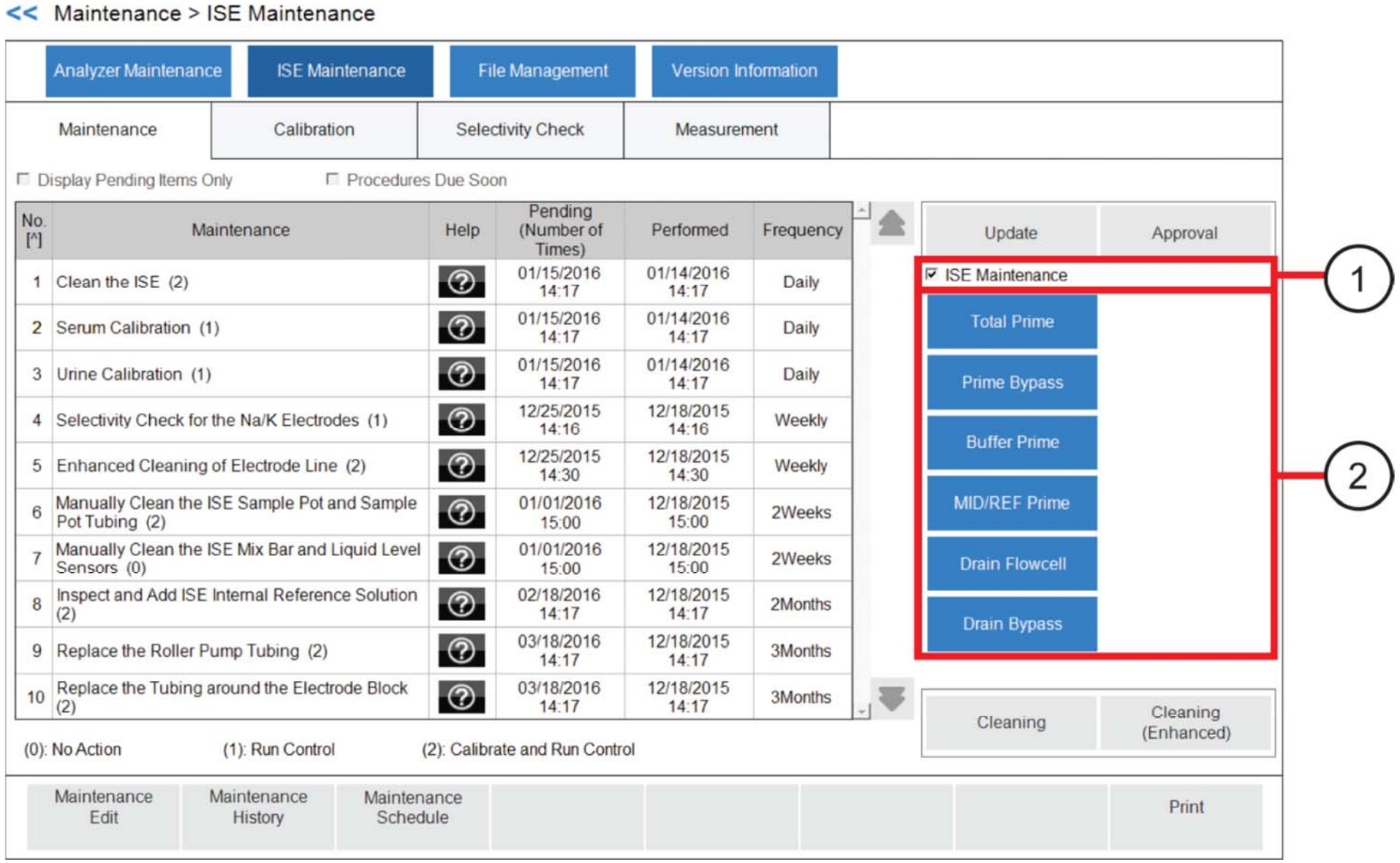
质控结果列表


<< Quality Control > Chart
Chart
Twin Plot Chart
QC Setup
Main
Chart View
Data Review
Index
9.08/25/2015 22:09
Type
Serum
QC Sample No.
Q001
Test Name | Level | Control Name | Lot No. | Result | Flags | SD Range
1.ALB /1 | 1 | 1.Biorad Liquicheck 1 | 16641 | 2.7 | r | *
1.ALB /1 | 2 | 2.Biorad Liquicheck 2 | 16642 | 4.2 | r | *
2.ALP /1 | 1 | 1.Biorad Liquicheck 1 | 16641 | 93.1 | r | *
2.ALP /1 | 2 | 2.Biorad Liquicheck 2 | 16642 | 406.1 | r | *
3.ALT /1 | 1 | 1.Biorad Liquicheck 1 | 16641 | 26 | r | *
3.ALT /1 | 2 | 2.Biorad Liquicheck 2 | 16642 | 100 | r | 1
4.AMY /1 | 1 | 1.Biorad Liquicheck 1 | 16641 | 60 | r | *
4.AMY /1 | 2 | 2.Biorad Liquicheck 2 | 16642 | 328 | r | 1
5.AST /1 | 1 | 1.Biorad Liquicheck 1 | 16641 | 28 | r | *
5.AST /1 | 2 | 2.Biorad Liquicheck 2 | 16642 | 162 | r | *
32.BUN /1 | 1 | 1.Biorad Liquicheck 1 | 16641 | 15 | r | *
32.BUN /1 | 2 | 2.Biorad Liquicheck 2 | 16642 | 50 | r | *
11.CA /1 | 1 | 1.Biorad Liquicheck 1 | 16641 | 8 | r | *
11.CA /1 | 2 | 2.Biorad Liquicheck 2 | 16642 | 12 | r | *
13.CHOL /1 | 1 | 1.Biorad Liquicheck 1 | 16641 | 113 | r | 1
13.CHOL /1 | 2 | 2.Biorad Liquicheck 2 | 16642 | 257 | r | 1
16.CK /1 | 1 | 1.Biorad Liquicheck 1 | 16641 | 114 | r | 2
16.CK /1 | 2 | 2.Biorad Liquicheck 2 | 16642 | 416 | r | 1
99.Cl | 1 | 1.Biorad Liquicheck 1 | 16641 | 87 | r | *
99.Cl | 2 | 2.Biorad Liquicheck 2 | 16642 | 101 | r | *
: Omitted from the statistics calculation target
Edit F1
Index Comment F2
Test Comment F3
Test F5
Detail F6

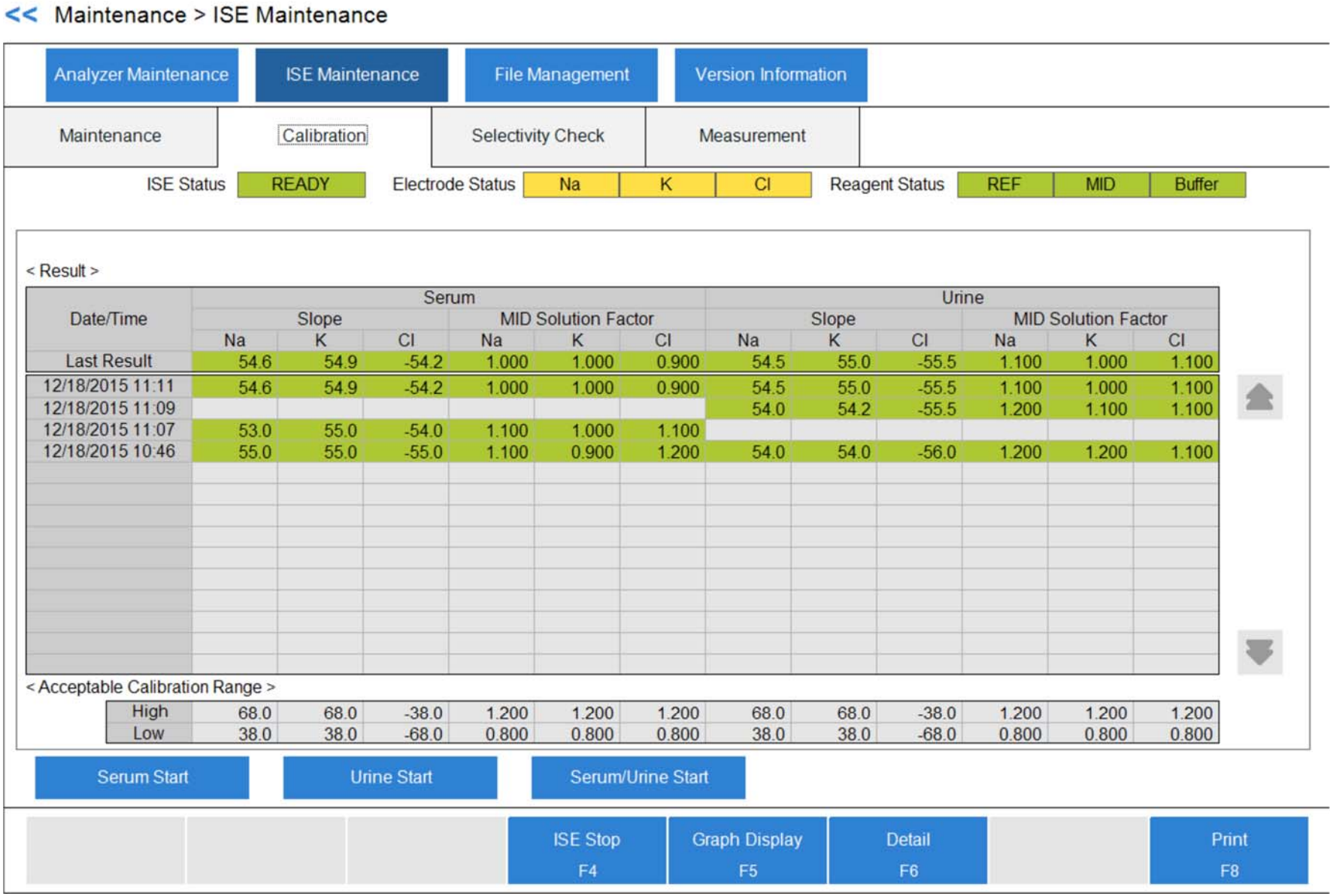
分析仪
维护界面

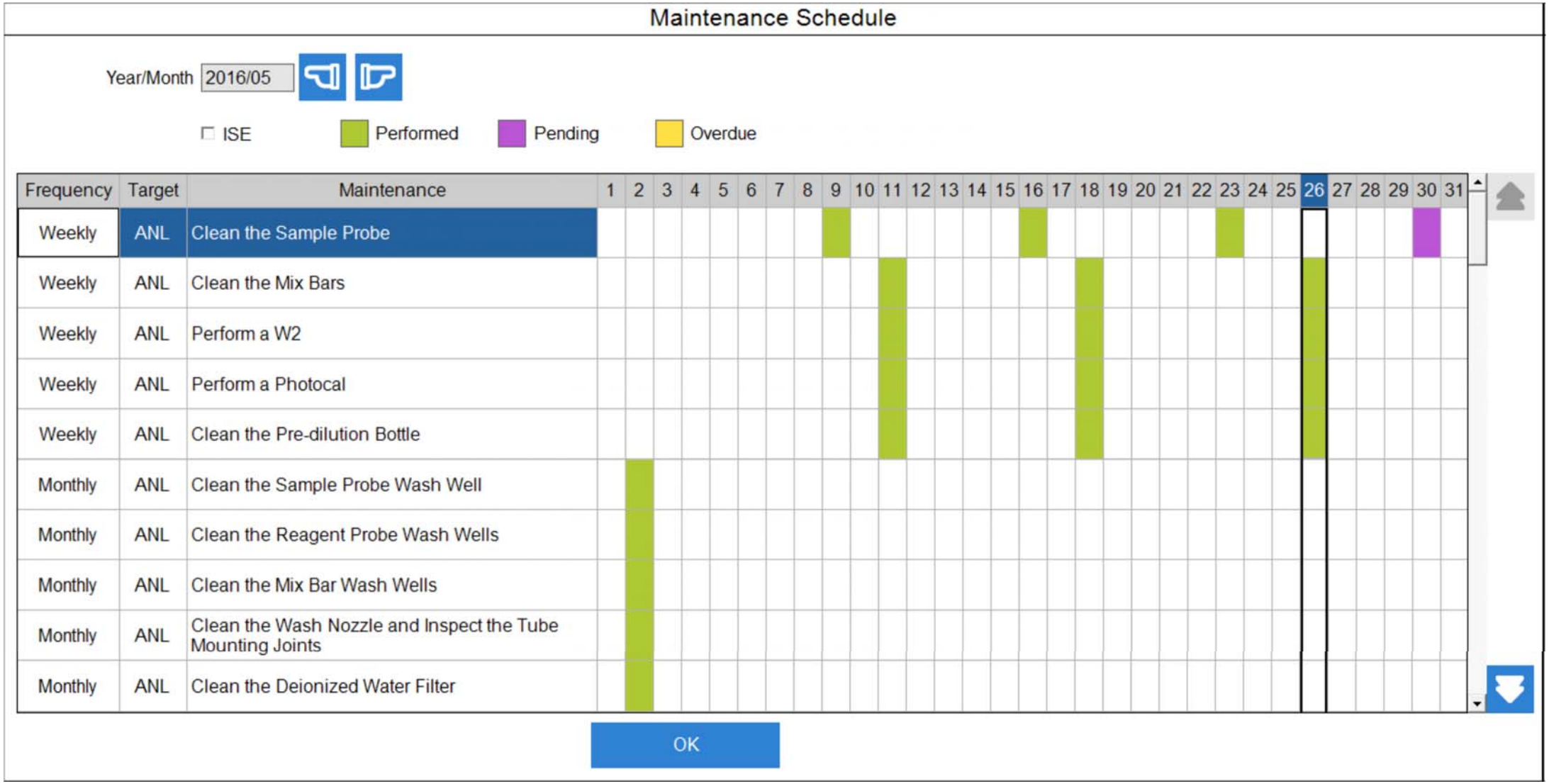

<< Maintenance > Analyzer Maintenance
Analyzer Maintenance
ISE Maintenance
File Management
Version Information
Maintenance
Consumables
Photocal Monitor
Display Pending Items Only
Procedures Due Soon
No. [^]
Maintenance
Help
Pending (Number of Times)
Performed
Frequency
1 Clean the Sample Probe (1) 12/25/2015 14:14 12/18/2015 14:14 Weekly
2 Clean the Mix Bars (0) 12/25/2015 14:16 12/18/2015 14:16 Weekly
3 Perform a W2 (0) 12/25/2015 14:30 12/18/2015 14:30 Weekly
4 Perform a Photocal (1) 12/25/2015 15:00 12/18/2015 15:00 Weekly
5 Clean the Pre-dilution Bottle (0) 12/25/2015 14:17 12/18/2015 14:17 Weekly
6 Clean the Sample Probe Wash Well (0) 01/18/2016 14:17 12/18/2015 14:17 Monthly
7 Clean the Reagent Probe Wash Wells (0) 01/18/2016 14:17 12/18/2015 14:17 Monthly
8 Clean the Mix Bar Wash Wells (0) 01/18/2016 14:17 12/18/2015 14:17 Monthly
9 Clean the Wash Nozzle and Inspect the Tube Mounting Joints (0) 01/18/2016 14:17 12/18/2015 14:17 Monthly
10 Clean the Deionized Water Filter (0) 01/18/2016 14:17 12/18/2015 14:17 Monthly
Update
Approval
Analyzer Maintenance
Replace Sample Probe
Replace Sample Syringe
Clean Sample Probe
Replace Reagent Probe/Syringe
Replace Wash Syringe
Clean Wash Well
Replace Wash Nozzle
Prime Washing Line
Prime Wash Nozzle
Replace Mix Bar
Replace Roller Pump tubing
1
2
(0): No Action
(1): Run Control
(2): Calibrate and Run Control
Maintenance Edit
Maintenance History
Maintenance Schedule
Stand By
W1 F5
W2 F6
Photocal F7
Print F8

ISE 维护


<< Maintenance > ISE Maintenance
Analyzer Maintenance
ISE Maintenance
File Management
Version Information
Maintenance
Calibration
Selectivity Check
Measurement
Display Pending Items Only
Procedures Due Soon
No. [^]
Maintenance
Help
Pending (Number of Times)
Performed
Frequency
1 Clean the ISE (2) 01/15/2016 14:17 01/14/2016 14:17 Daily
2 Serum Calibration (1) 01/15/2016 14:17 01/14/2016 14:17 Daily
3 Urine Calibration (1) 01/15/2016 14:17 01/14/2016 14:17 Daily
4 Selectivity Check for the Na/K Electrodes (1) 12/25/2015 14:16 12/18/2015 14:16 Weekly
5 Enhanced Cleaning of Electrode Line (2) 12/25/2015 14:30 12/18/2015 14:30 Weekly
6 Manually Clean the ISE Sample Pot and Sample Pot Tubing (2) 01/01/2016 15:00 12/18/2015 15:00 2Weeks
7 Manually Clean the ISE Mix Bar and Liquid Level Sensors (0) 01/01/2016 15:00 12/18/2015 15:00 2Weeks
8 Inspect and Add ISE Internal Reference Solution (2) 02/18/2016 14:17 12/18/2015 14:17 2Months
9 Replace the Roller Pump Tubing (2) 03/18/2016 14:17 12/18/2015 14:17 3Months
10 Replace the Tubing around the Electrode Block (2) 03/18/2016 14:17 12/18/2015 14:17 3Months
Update
Approval
ISE Maintenance
Total Prime
Prime Bypass
Buffer Prime
MID/REF Prime
Drain Flowcell
Drain Bypass
1
2
Cleaning
Cleaning (Enhanced)
(0): No Action
(1): Run Control
(2): Calibrate and Run Control
Maintenance Edit
Maintenance History
Maintenance Schedule
Print

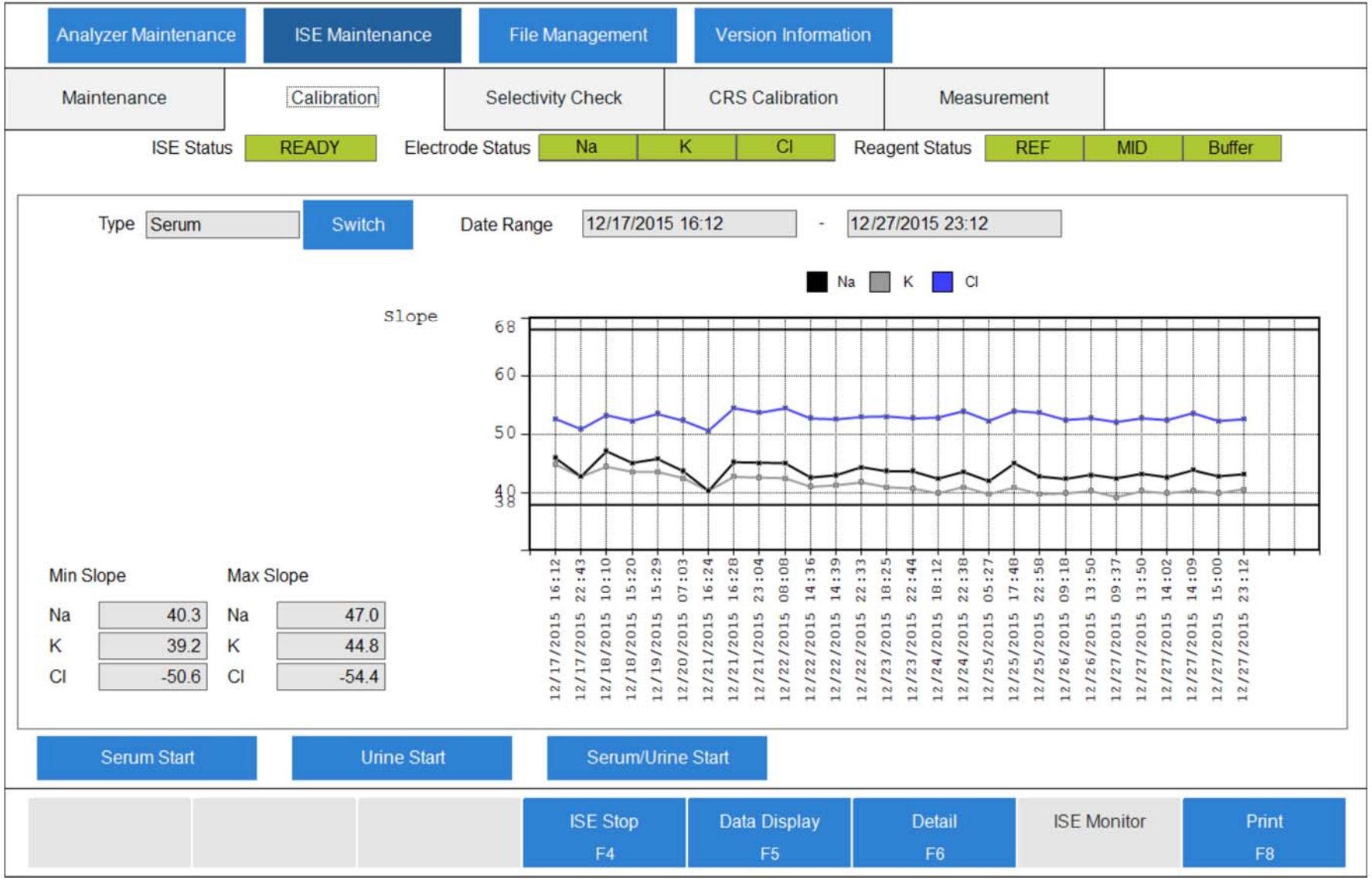
ISE维护


<< Maintenance > ISE Maintenance
Analyzer Maintenance
ISE Maintenance
File Management
Version Information
Maintenance
Calibration
Selectivity Check
Measurement
ISE Status
READY
Electrode Status
Na
K
Cl
Reagent Status
REF
MID
Buffer
< Result >
Date/Time
Serum
Urine
Slope
MID Solution Factor
Na K Cl Na K Cl Na K Cl Na K Cl
Last Result 54.6 54.9 -54.2 1.000 1.000 0.900 54.5 55.0 -55.5 1.100 1.000 1.100
12/18/2015 11:11 54.6 54.9 -54.2 1.000 1.000 0.900 54.5 55.0 -55.5 1.100 1.000 1.100
12/18/2015 11:09 54.0 54.2 -55.5 1.200 1.100 1.100
12/18/2015 11:07 53.0 55.0 -54.0 1.100 1.000 1.100
12/18/2015 10:46 55.0 55.0 -55.0 1.100 0.900 1.200 54.0 54.0 -56.0 1.200 1.200 1.100
< Acceptable Calibration Range >
High 68.0 68.0 -38.0 1.200 1.200 1.200 68.0 68.0 -38.0 1.200 1.200 1.200
Low 38.0 38.0 -68.0 0.800 0.800 0.800 38.0 38.0 -68.0 0.800 0.800 0.800
Serum Start
Urine Start
Serum/Urine Start
ISE Stop F4
Graph Display F5
Detail F6
Print F8

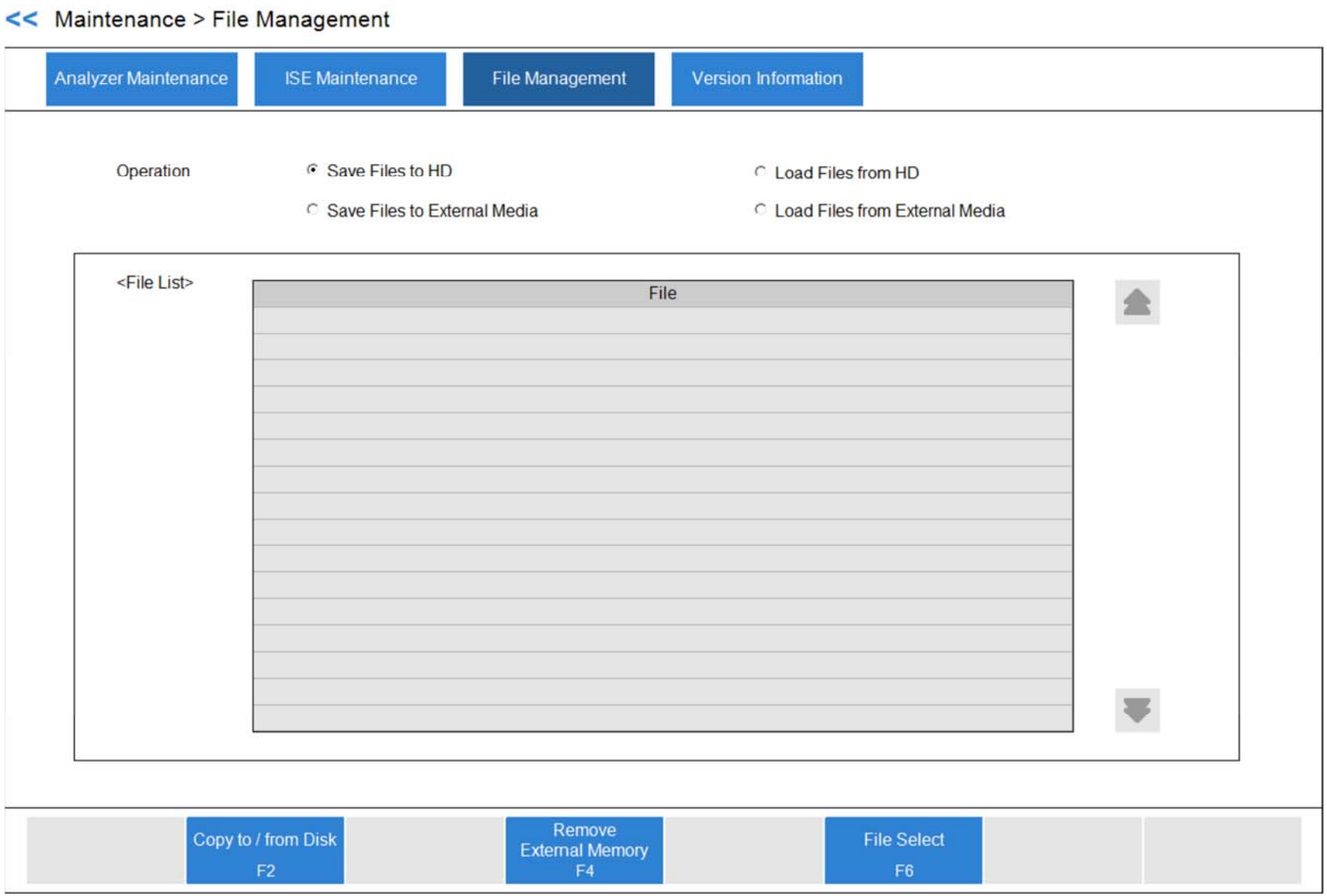


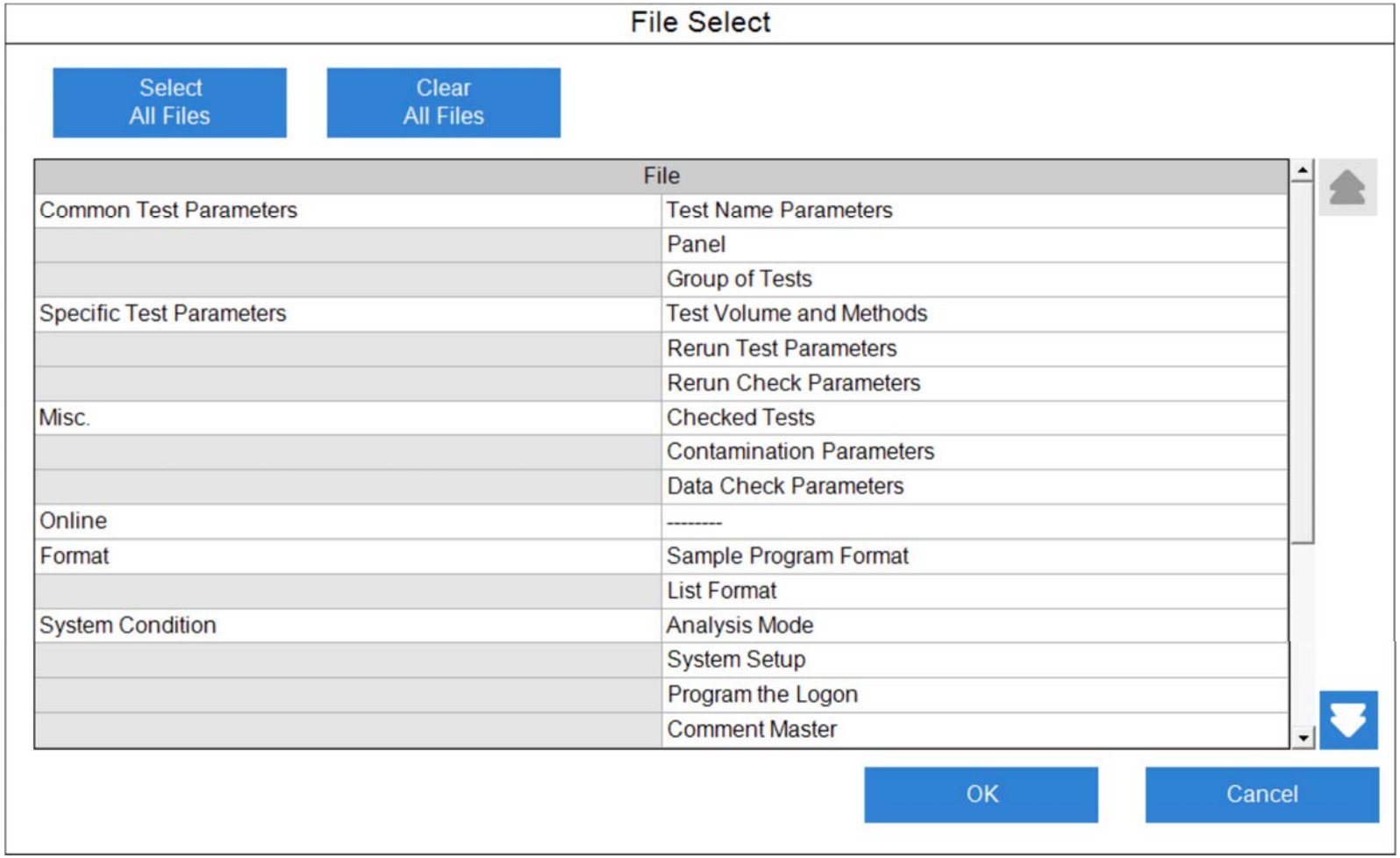
Frequency	Target	Maintenance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Weekly	ANL	Clean the Sample Probe																															
Weekly	ANL	Clean the Mix Bars																															
Weekly	ANL	Perform a W2																															
Weekly	ANL	Perform a Photocal																															
Weekly	ANL	Clean the Pre-dilution Bottle																															
Monthly	ANL	Clean the Sample Probe Wash Well																															
Monthly	ANL	Clean the Reagent Probe Wash Wells																															
Monthly	ANL	Clean the Mix Bar Wash Wells																															
Monthly	ANL	Clean the Wash Nozzle and Inspect the Tube Mounting Joints																															
Monthly	ANL	Clean the Deionized Water Filter																															

<< Maintenance > ISE Maintenance



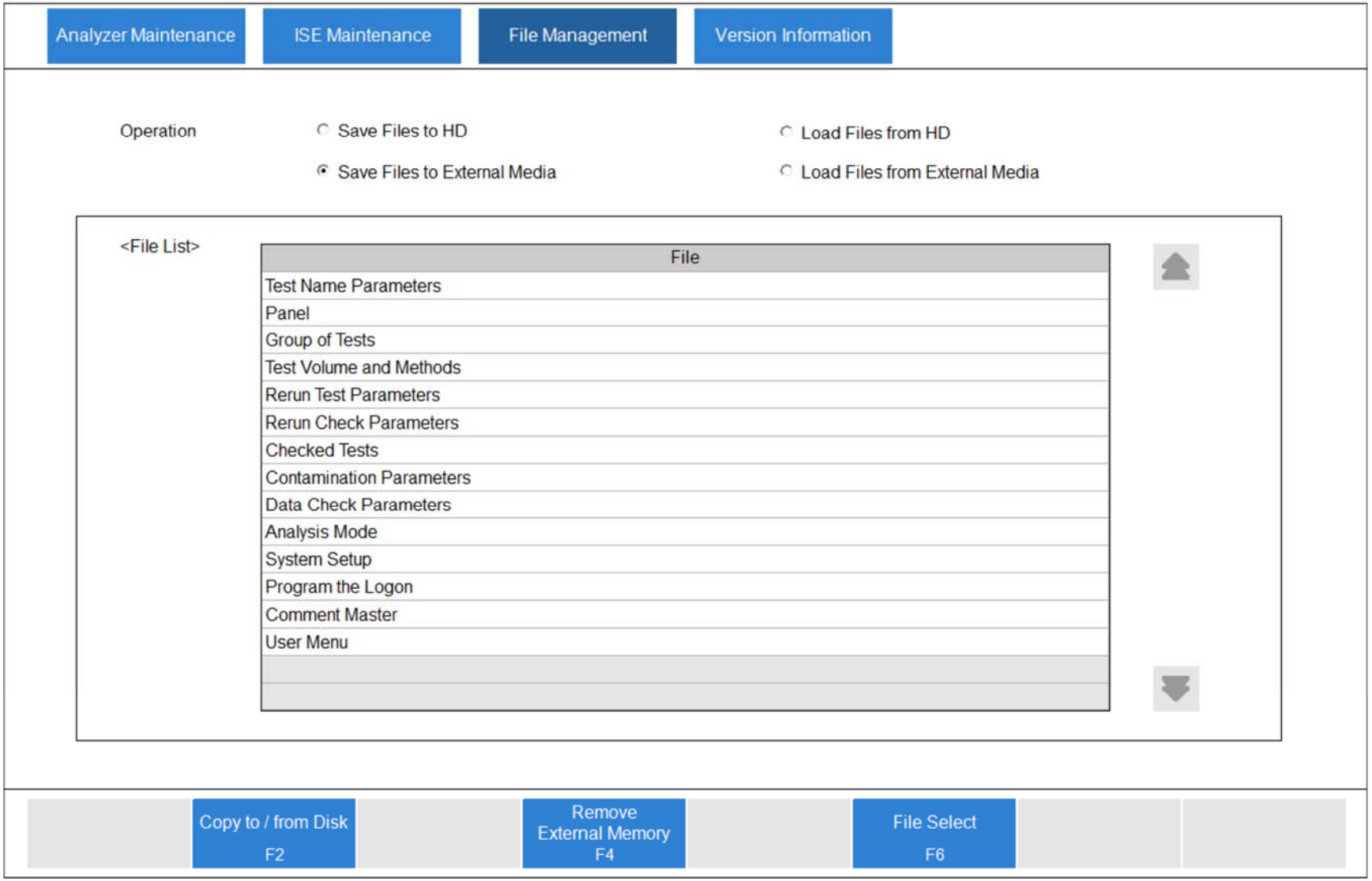
文件维护


<< Maintenance > File Management
Analyzer Maintenance
ISE Maintenance
File Management
Version Information
Operation
Save Files to HD
Load Files from HD
Save Files to External Media
Load Files from External Media
<File List>
File
Copy to / from Disk
F2
Remove External Memory
F4
File Select
F6


File Select
Select All Files
Clear All Files
File
Common Test Parameters
Test Name Parameters
Panel
Group of Tests
Specific Test Parameters
Test Volume and Methods
Rerun Test Parameters
Rerun Check Parameters
Misc.
Checked Tests
Contamination Parameters
Data Check Parameters
Online

Format
Sample Program Format
List Format
System Condition
Analysis Mode
System Setup
Program the Logon
Comment Master
OK
Cancel

<< Maintenance > File Management



Copy to Disk

File save is successful.

Test Name Parameters		
Panel		
Group of Tests		
Test Volume and Methods		
Rerun Test Parameters		
Rerun Check Parameters		
Checked Tests		
Contamination Parameters		
Data Check Parameters		
Online		
Sample Program Format		
List Format		
Analysis Mode		
System Setup		
Program the Logon		
Comment Master		
User Menu		
Calibration Parameters		
QC Parameters		
STAT Status		
Auto ACAL / QC Setup		

OK

软件版本

<< Maintenance > Version Information

Analyzer Maintenance | ISE Maintenance | File Management | Version Information

System / Console

Program	Ver.	Rev.
System	1	04
Console	1	25
Help	1	00
----------	--	--

Analyzer

Program	Ver.	Rev.	Station	Program	Ver.	Rev.	Station
Analyzer IPL ROM			---	Rack Back,Transfer Controller(CF,CG)	3	2	31
Analyzer Control Program	01	09	---	Temperature Controller (Incubation,Fan)	3	1	28
Primary Station Firmware	3	4	0	Temperature Controller (Wash and DI.Water)	3	1	27
Reagent Refrigerator Controller(DA01)	3	2	2	Dilution Pump Controller	3	2	9
Reagent Refrigerator Controller(DA11)	3	2	3	ISE Data Controller	3	5	13
STAT Table Controller(DC)	3	2	8	ISE Mixer Controller	3	2	15
Sample Probe Controller(FA)	3	2	7	ISE Pump Controller	3	2	14
Cuvette Washer Controller(FB)	3	2	29	----------	--	--	---
Mixer Controller(FC01)	3	2	26	----------	--	--	---
Mixer Controller(FC11)	3	2	6	----------	--	--	---
R1 Probe Controller(FD01)	3	2	5	----------	--	--	---
R2 Probe Controller(FD11)	3	2	4	----------	--	--	---
Photometry Controller(GA)	2	1	200	----------	--	--	---
Sample Dispenser Controller(SA)	3	2	10	----------	--	--	---
R1 Dispenser Controller(SA)	3	2	11	----------	--	--	---
R2 Dispenser Controller(SA)	3	2	12	----------	--	--	---
Rack Transfer Controller(CB,CJ)	3	2	32	----------	--	--	---
Rack Extrusive Controller(CC)	3	2	33	----------	--	--	---
Normal Lane Controller(CD)	3	2	34	----------	--	--	---
Buffer,Repeat Controller(CE,CH)	3	2	30	----------	--	--	---

Print F8

4 故障

DXC700AU的数据旗标与AU系列完全一样。

标记	定义	解释
d	用户剔除质控结果	用户手动将 QC 数据从计算中剔除。
e	用户编辑数据	数据已被编辑。
（	清洗液短缺，导致污染参数异常	机内、在仓或在板清洗剂缺少，防交叉污染清洗停止，有这个旗标可能会发生携带污染。
Wa	已用错误的比色杯分析结果	已使用未达到光电校准标准的比色杯分析结果
R	检测到试剂不足	液面探测显示试剂量不足
#	检测到样品不足	样品体积不足或液面探测出现故障。
%	检测到堵塞	在吸取样品时样品针堵塞或样品凝结。
?	无法计算结果	速率反应中读点少于三个，比色杯漫盘，发生机械错误。
M	当 AU5800 与 Beckman 实验室自动化系统 连接时，样品 ID 的读取与当前 在轨道线或 AU5800 上处理中的样品 ID 相同。	
n	没有进行 LIH 测试	检查样品，必要时重测，检查 LIH 试剂。
l	结果可能受高脂血症影响	结果可能受到高血脂的影响或者样品极其浑浊
i	结果可能受黄疸影响	结果可能受黄疸影响。
h	结果可能受溶血影响	结果可能受溶血影响。
Y	试剂空白OD高于最后点OD设置	试剂空白OD高于为最后点光度计读取点设定的试剂OD限制范围。
U	试剂空白OD低于最后点OD设置	试剂空白OD低于为最后点光度计读取点设定的试剂OD限制范围。
y	试剂空白/常规OD第高于初始点OD限制	试剂空白的初始读点OD或正常分析的PO处OD高于初始读点设定的试剂OD限制范围。
u	试剂空白/常规OD第低于初始点OD限制	试剂空白的初始读点OD或正常分析的PO处OD低于初始读点设定的试剂OD限制范围。
@	OD 高于 3.0	异常高的值。反应OD超出3.0。在双波长测定中，如果其中任意一个波长超出3.0 OD，则发生错误。
$	没有足够的数据来确定反应线性	速率反应中在指定的可接受光密度范围内的读数点少于三个。为正确计算速率反应，在达到最高或最低光密度前必须获得三个读数。如果超出这些光密度限制，反应可能因为高浓度或试剂状况的问题导致底物耗竭。当发生这种错误时，不进行线性计算。
D	反应的 OD 值高于最高 OD 范围	指定读数点的光密度超出速率和固定检测法中的吸光度范围。 • 指定读数点 FST+2，即第一个光度测定点加 2 的光密度（上升反应速率法） • 指定读数点 LST+2，即最后一个光度测定点加 2 的光密度（下降反应速率法） • 第一个光度测定点的光密度（固定法）
B	反应的 OD 值低于最低 OD 范围	在上升反应或下降（更可能发生）反应速率法中，光度测定点 FST+2（第一个光度测定点加 2）的光密度没有达到最低光密度值。
*	速率法线性错误	当反应速率的变动幅度超出测试参数定义的%变动范围时，生成这个标记，因此被视为非线性。
&	前带测试数据异常	用于前带判定的数据异常。
Z	前带错误	满足逻辑检验 1、2 或 3 中任意一个数据检查方程式。这通常是由于样品中分析物的浓度异常高造成的。
E	在速率法分析中检测到过度反应	在速率法检测中，如果反应在很短的时间内完成，则被视为过度反应，结果被判定为错误。这通常是由于样品中分析物的浓度异常高造成的。
Fx	结果 (OD) 高于动态范围	无法计算浓度。样品的 OD 超出动态范围的上限 OD。
Gx	结果 (OD) 低于动态范围	无法计算浓度。样品的 OD 低于动态范围的下限 OD。
!	无法计算浓度	系统无法计算结果。检查反应监测数据。
)	样品分析时使用的试剂批号与用于 RB/ 校准的批号不同	试剂批号与校准的试剂批号不匹配。
a	试剂已过期	试剂过期或者在线时间超出具体测试参数中限定的时间。

ba	没有校准数据或过期	没有试剂空白或校准数据，或者数据过期。
bh	没有使用最新的校准/RB	最近的试剂空白或校准失效或过期。结果可能错误，不应报告。
bn	使用了主曲线(拟合曲线)	没有进行校准或者校准不成功。系统已使用主曲线生成结果。
bz	使用前带数据的校准曲线	系统已经使用前带数据的校准曲线生成结果。这与真实的结果相似，应该用来估算重测的稀释率。
F	结果高于动态范围	样品浓度高于测试参数设定的动态范围上限。
G	结果低于动态范围	样品浓度低于测试参数中设定的动态范围的下限，或者没有正确进行吸取试剂。
ph	结果高于上危急值	结果高于危急值上限。
pl	结果低于下危急值	结果低于危急值下限。
T	在内部化学检查中发现异常	已检查的测试结果超出菜单列表>参数>其他>已检查的测试中指定的检查范围。
P	阳性	定性结果：样品结果超出上限。
N	阴性	定性结果：样品结果低于下限。
H	结果高于参考范围	样品结果高于正常范围中设定的具体范围的上限。
L	结果低于参考范围	样品结果低于正常范围中设定的具体范围的下限。
J	结果高于重测判定范围	结果高于重测判定范围。
K	结果低于重测判定范围	结果低于重测判定范围。
fh	结果高于重测反射范围	结果高于用户指定的反射范围。
fl	结果低于重测反射范围	结果低于用户指定的反射范围。
Va	多次测量检查的偏差超出范围	试剂空白或校准的重复精确性超出允许的范围
xQ	多规则质控在一个质控中检测到失败	如果使用多次检查质控规则的两对数据中有一对超出范围，数据的另一部分被标记。
1Q	QC数据超出在“单次检查水平”字段中输入的范围	QC 数据的某一点超出特定质控的检查选项卡上的单次检查水平中定义的 SD。
2Q	QC 数据超出 13s 质控范围	QC 数据的某一点超出质控具体参数的检查选项卡上的“多次检查水平”中定义的 ±3SD。
3Q	QC 数据超出 22s 质控范围	两个邻近的 QC 数据点超出同一方向的 ±2SD 质控限值。
4Q	QC 数据超出 R4s 质控范围	两个连续的高和低浓度 QC 数据点中的一个超出 +2SD 的质控限值，另一个超出 -2SD 的质控限值，或两个质控之间的差距超出 4SD。
5Q	QC 数据超出 41s 质控范围	四个连续的 QC 数据点结果超出 1SD 质控限制。
6Q	预设数目的连续的质控结果偏向均值一侧	预设数目 (7-10) 的连续数据点结果全部大于或小于均值。
7Q	连续的质控结果反映了持续上升或下降的值	预设数目 (4-10) 的连续数据点结果持续增加或下降。
S	样品重测，重测结果替代原始结果	重复运行了样品测试，并用此重测结果替换了先前结果成为最终结果。
/	待测或未分析	尽管被要求，没有进行测试（通常是因为缺少试剂），或测试正在进行中。
r	结果已经通过在线通信传送到 LIS（主机）	
c	用户校准了结果	尽管被要求，没有进行测试（通常是因为缺少试剂），或测试正在进行中。

yeec维修网

yeec维修网淘宝店铺

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BeckmanCoulter
AU系列培训
DXC700AU 操作介绍