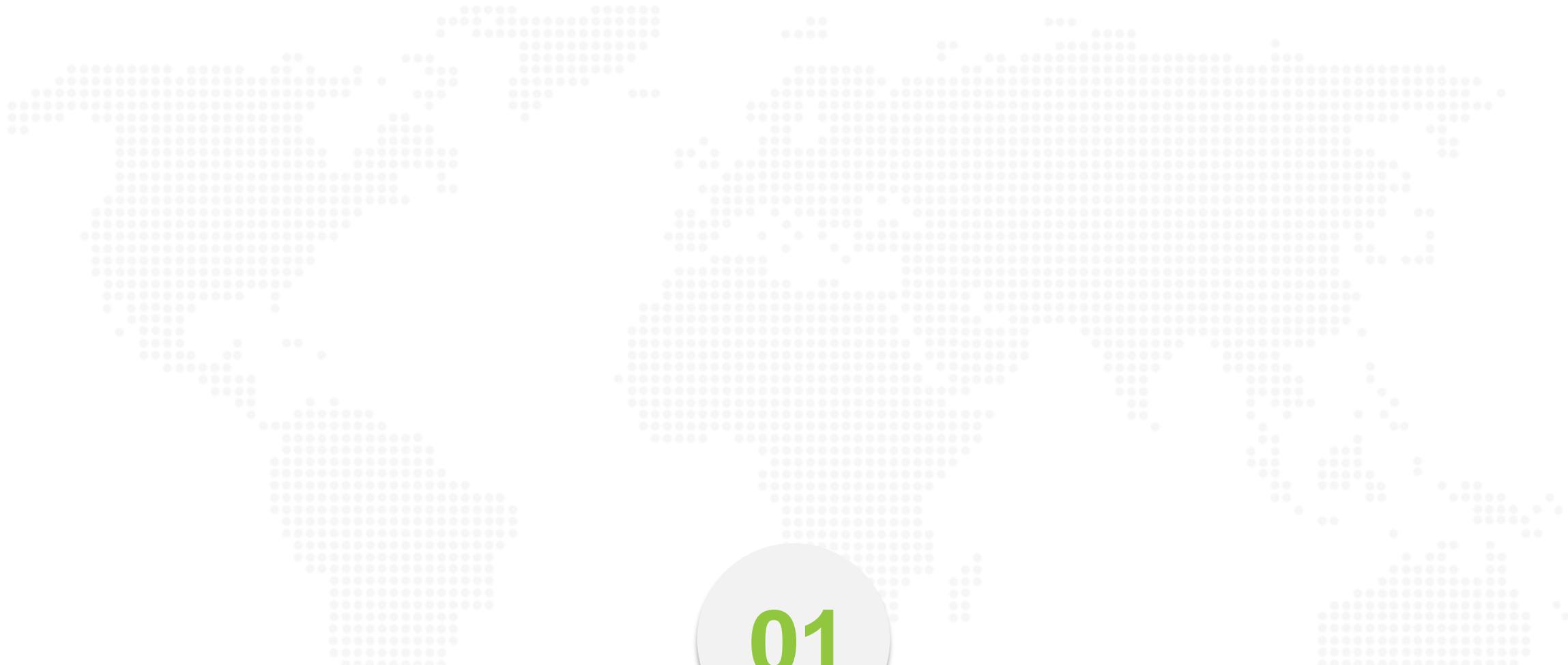




GS480A



- 01 Main Features
- 02 Hardware Features
- 03 Software Features
- 04 Summary

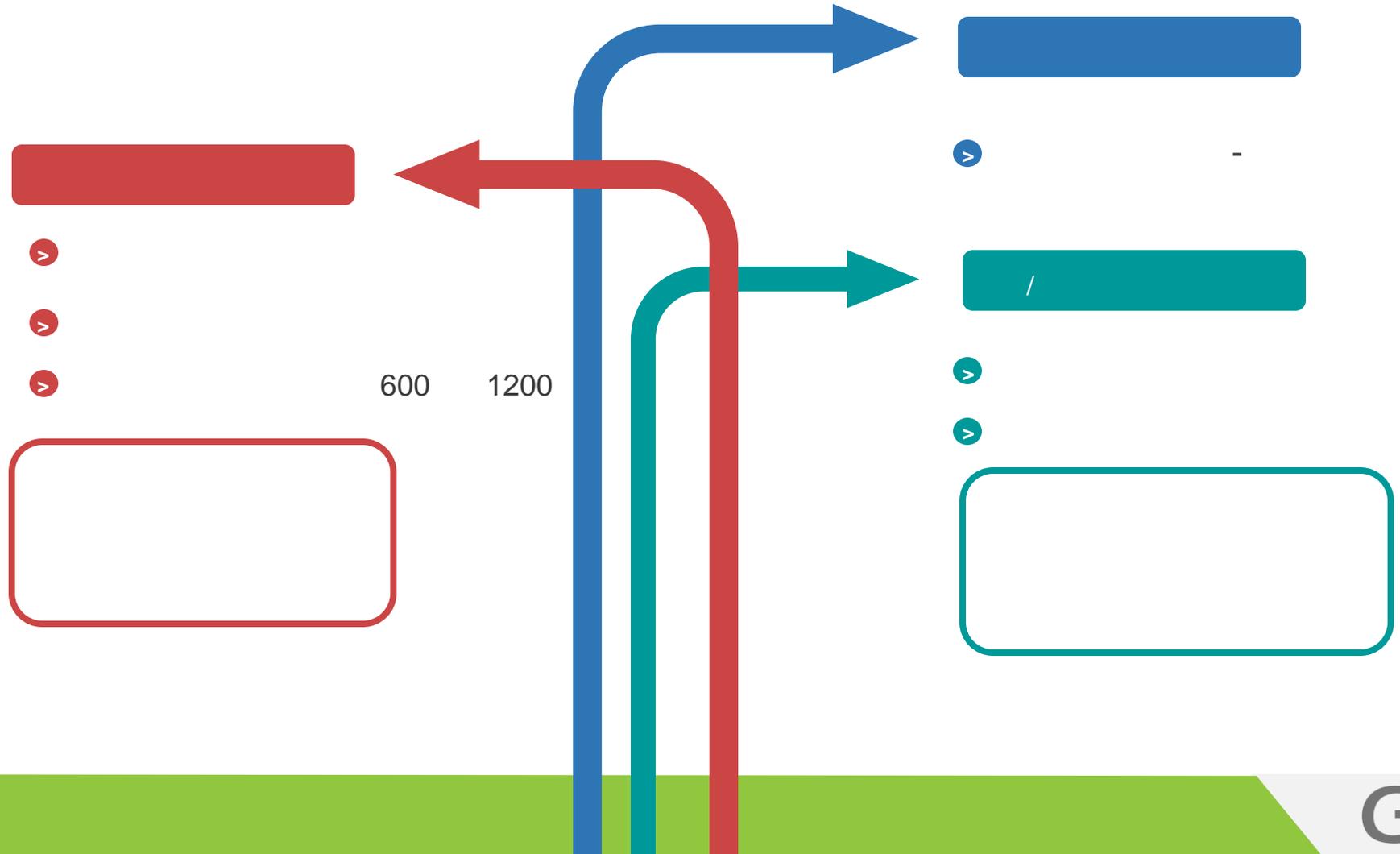


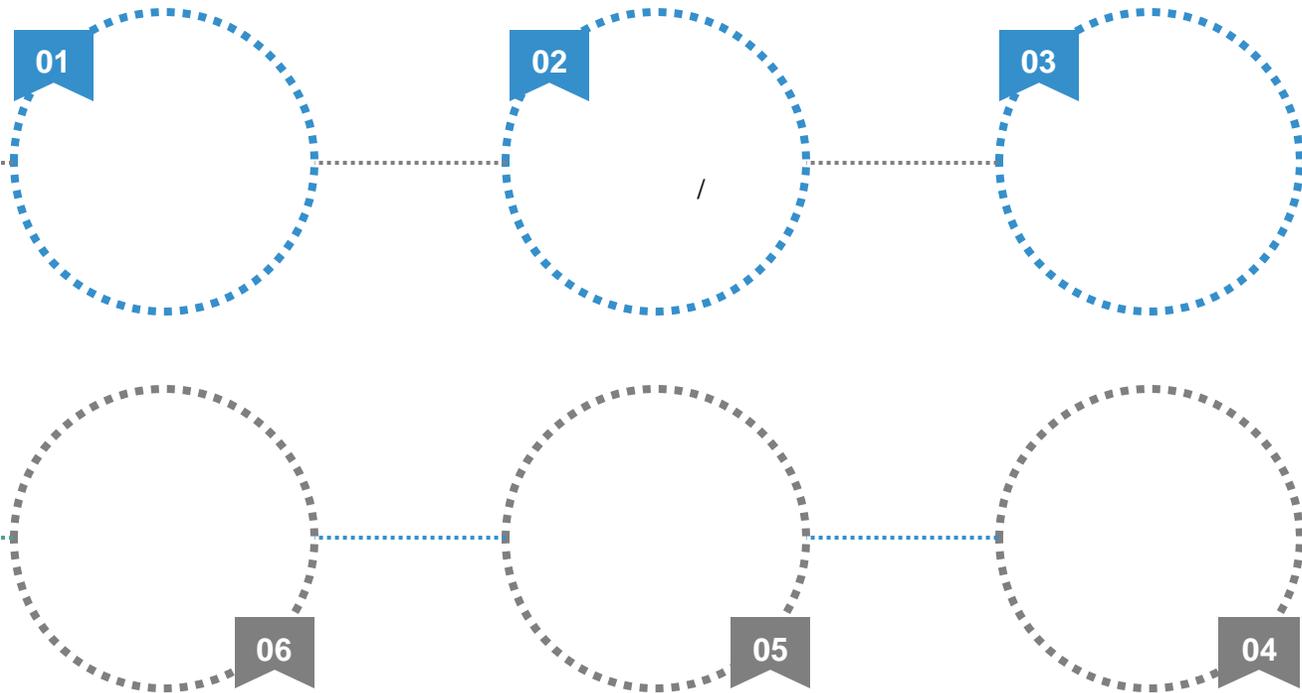
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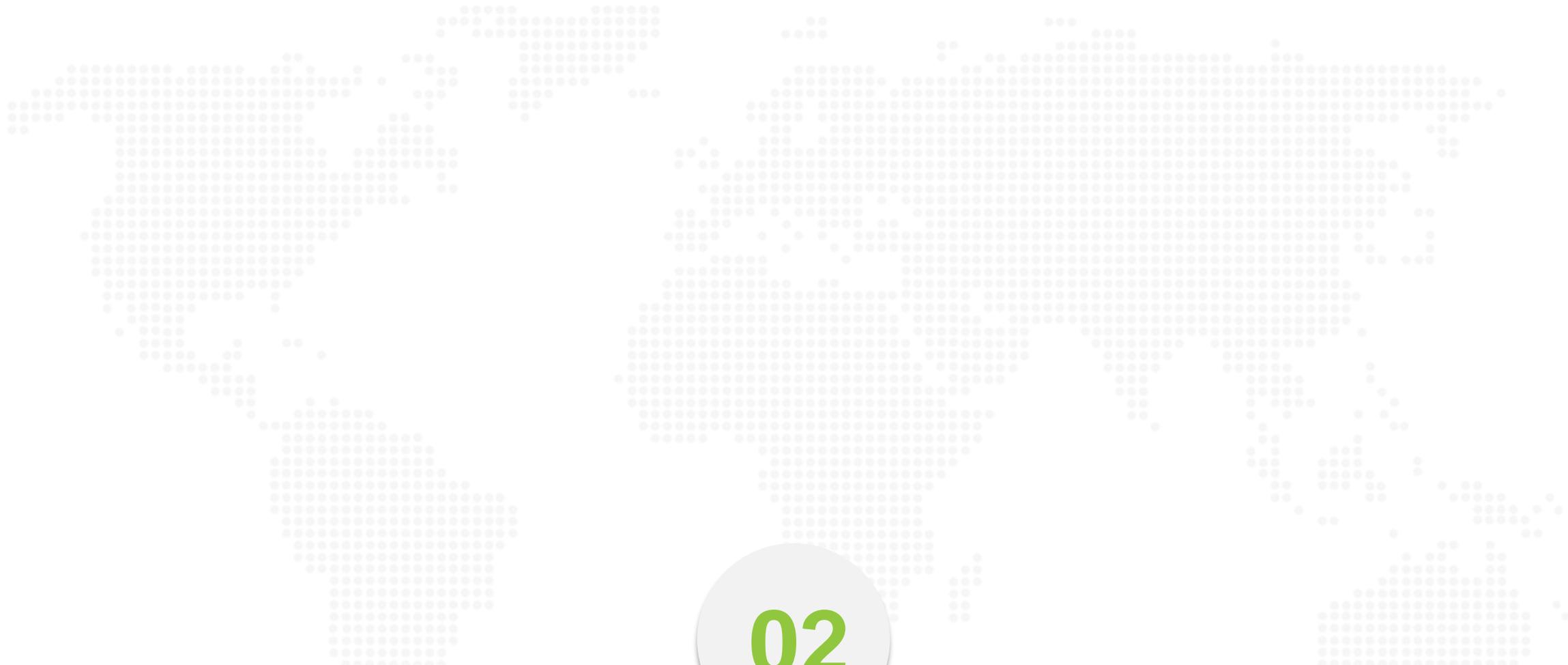


- ▶ 400 /
- ▶ 2 2
- ▶ 90
- ▶ 105
- ▶ 120
- ▶ ()
- ▶ / : 150
- ▶ 13

GS480A ?







02

- 120

- /

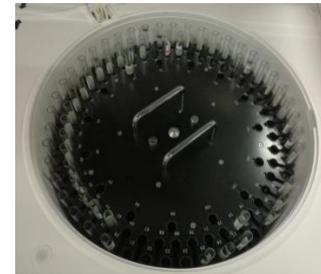
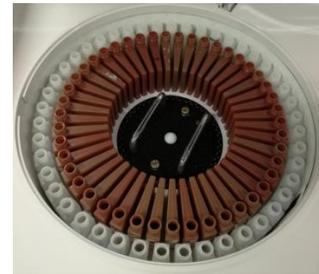
-

- : $37 \pm 0.1^\circ\text{C}$

- / : 150



-
- / 88
- 105
- ,
- 90
- 24- , 2-12°C
-



- : 2~60 , 0.1
- : 20~500 , 1
-
- ,
-
-
-
-



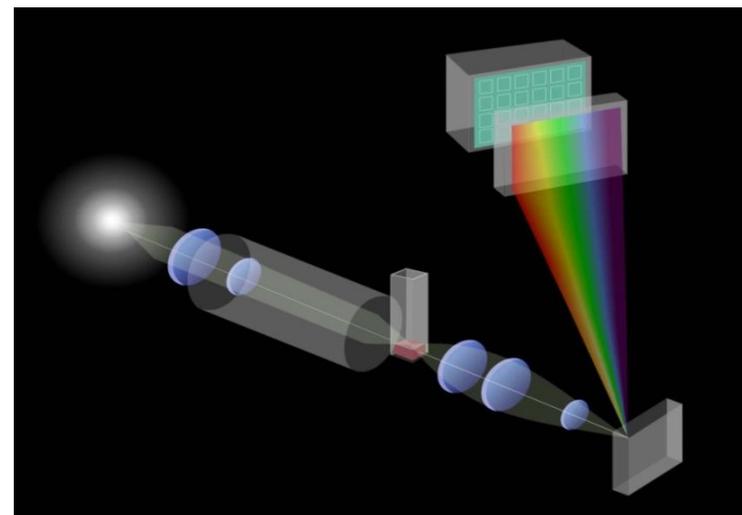
-
- 8-
- /
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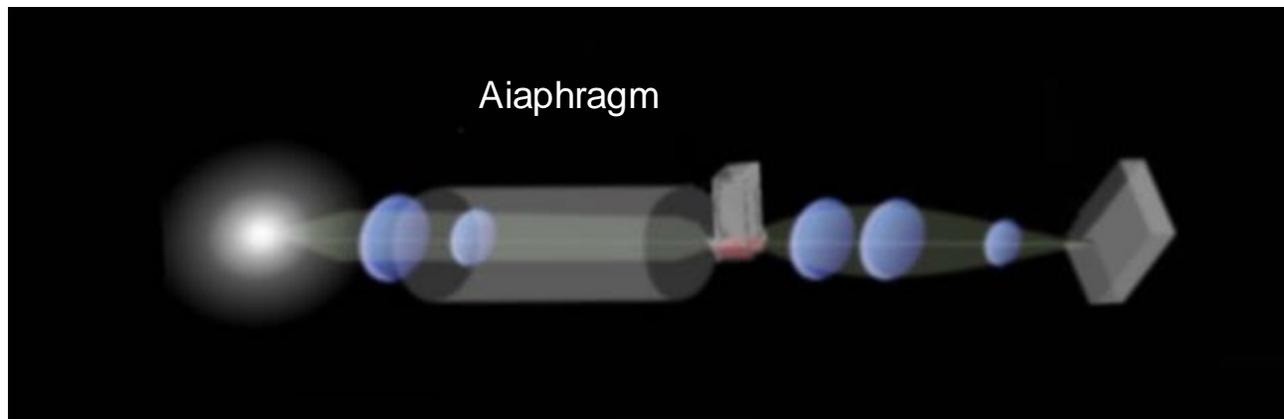
< 0.5%



-
-
-
-
- -
- **13** 340-850 , ±2
- (340 、 380 、 412 、 450 、 510 、 546 、 570 、 605 、 670 、 700 、 740 、 800 、 850)
- -

2000





	$\geq 2.3A$	$\geq 3.0A$	GS480A
Abs	0-2A	0-2.5A	$\geq 3.6A$
			0-3.5A

	NO.1	NO.2	NO.3	NO.4	NO.5
1	53211.96	48048.12	50142.85	48330.15	43559.12
2	52926.54	48818.7	49621.2	48100.86	44095.1
3	52216.95	50465.24	47905.93	47180.26	44584.03
4	56	63.91	46.08	50.2	58.2
5	49.17	41.45	42.98	38.35	42.09
6	47.65	40.45	40.23	81.34	35.81
	0.0032%	0.0090%	0.0022%	-0.0120%	0.0086%
	≤0.5%	≤0.5%	≤0.5%	≤0.5%	≤0.5%



N=20

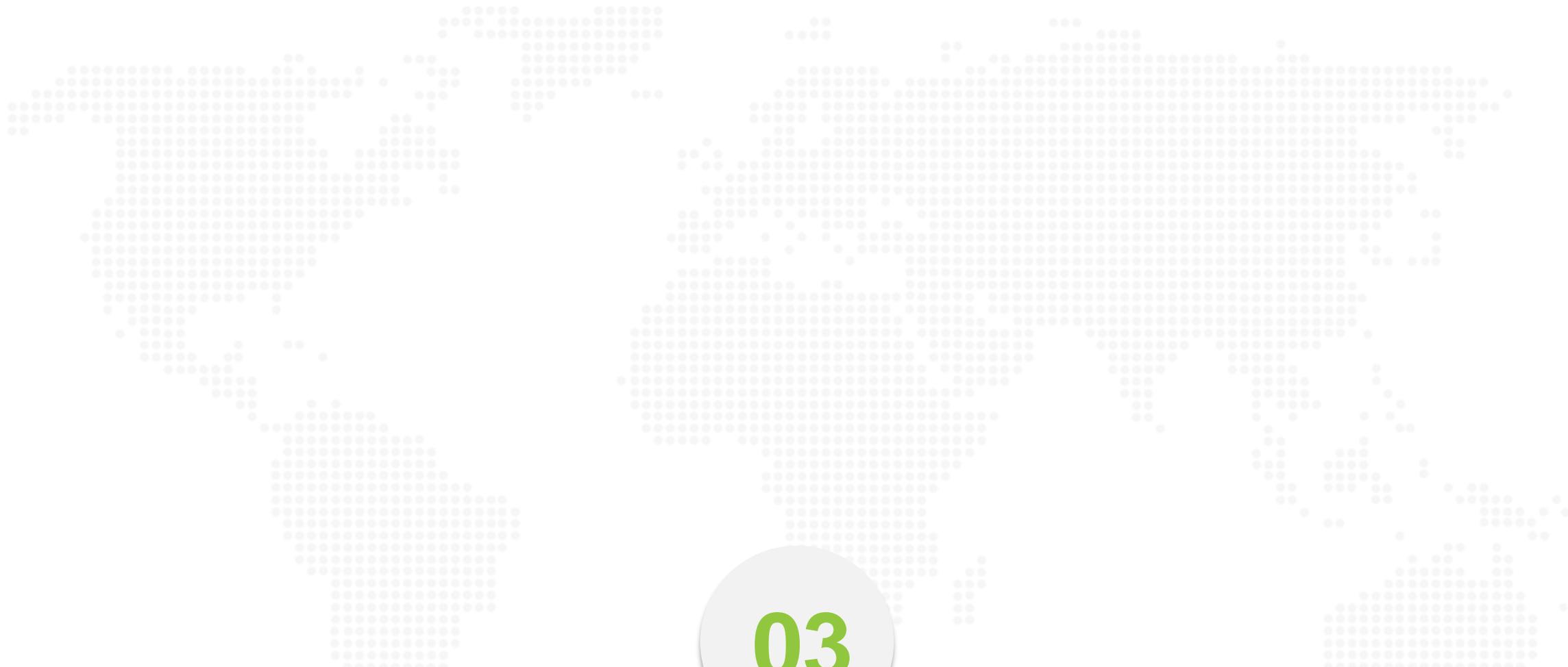


:

	TBIL	TP	UREA	ALT	CREA	ALB	GGT
	41.35	39.17	4.52	31.4	71.6	40.06	47.4
SD	0.35	0.41	0.05	0.60	1.39	0.18	0.6
CV	0.85%	1.05%	1.03%	1.91%	1.94%	0.45%	1.26%
	2.50%	2.50%	2.50%	5%	2.50%	2.50%	5%



- ()



03

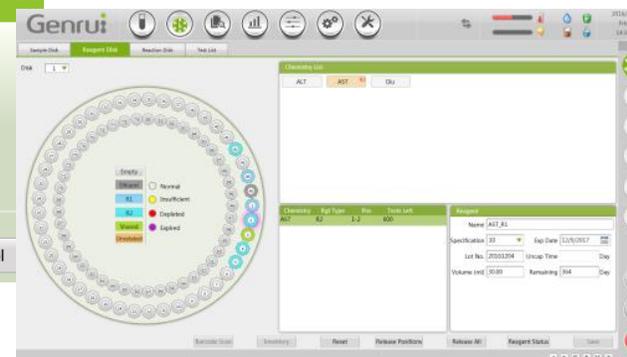


GS Autochemistry System

Username
admin

Password
[] Modify

Startup Procedure Backup/Restore Login Cancel



Three downward-pointing arrow icons in a vertical column, followed by a slash symbol, all on a light blue background.

Genru

Routine Chemistry

Chemistry(Test Order)

- ALT
- AST
- ALP
- GGT
- TBIL
- DBIL
- TP
- ALB
- UREA
- CREA
- UA
- TG
- TC
- GLU
- LPa
- HDL-C
- HBDH
- LDL-C
- PA
- CO2
- APOB
- LDH
- CK-MB
- CK
- HCY

Basic Parameters

Chemistry: ALT Full Name: Decimal: 0

Test Method: Kinetics Direction: Decrease Unit: U/L

Pri Wave: 340 Sec Wave: 412 Linearity Range: --

Calibration Method: Linear K-factor: Margin Alarm: 10

Sample Volume: 20.0 R1: 320 R2: 80

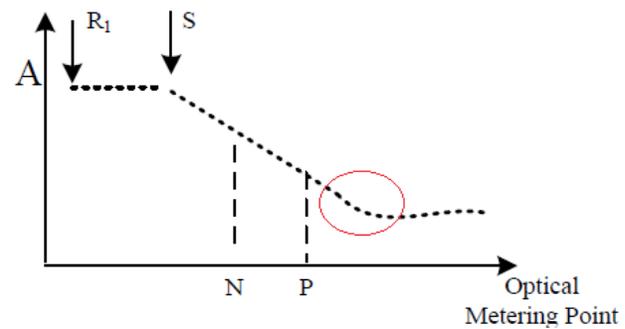
Blank Cycle / Time (s): 0 / 0 ~ 0 / 0 Cost: Price:

Reaction Cycle / Time (s): 75 / 675 ~ 98 / 882 Modified Slope: 1 Offset: 0

Ref Lower Limit	Ref Upper Limit	Type	Gender	Age Lower Limit	Unit	Age Upper Limit	Unit
0	40	Serum					

Import Export all Up Down Add Modify Delete Cancel Save

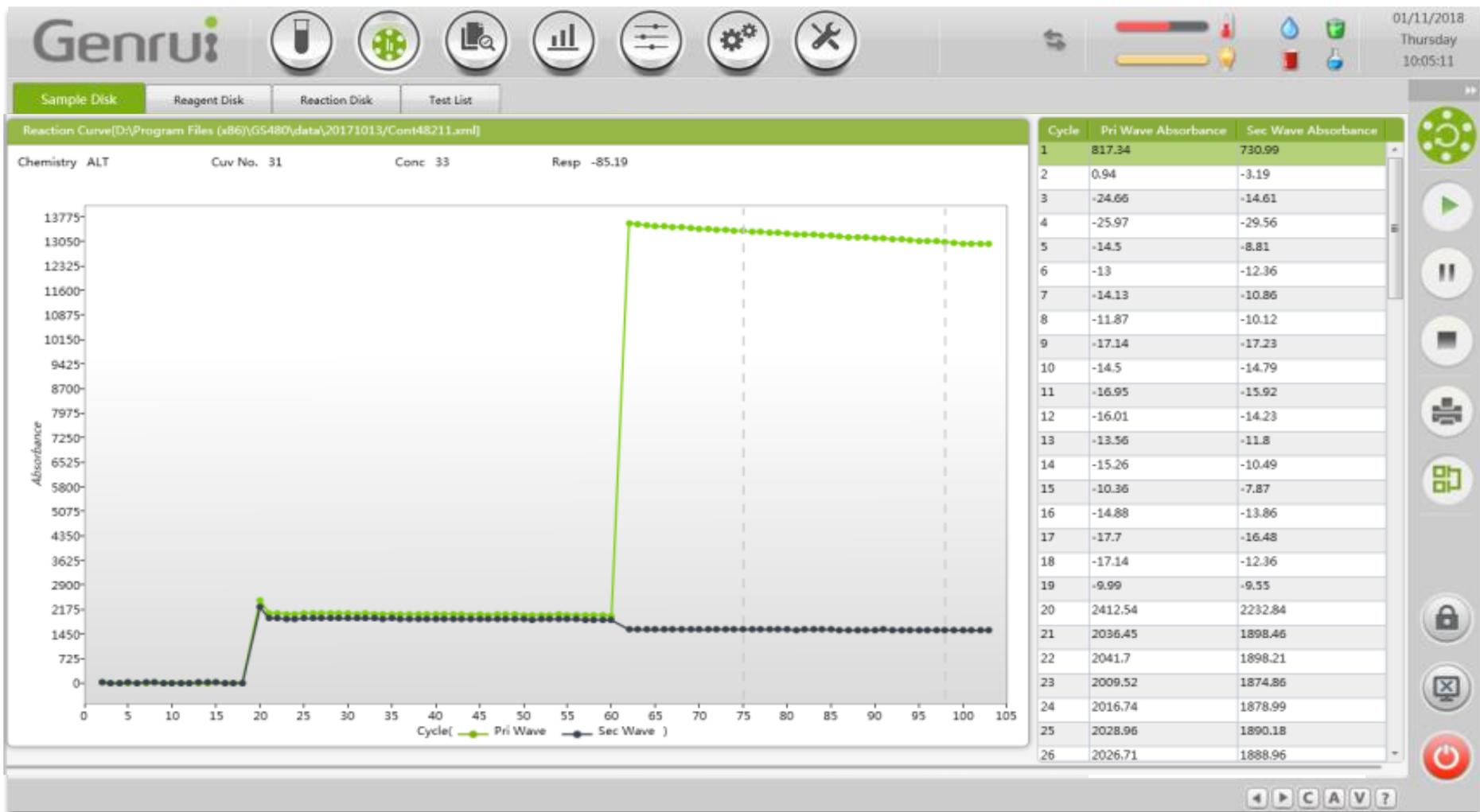
Automatic Dilution Manual Dilution
Original Sample Volume
Repeat Automatic Dilution Multiples



-
-

2:201

EXCEL



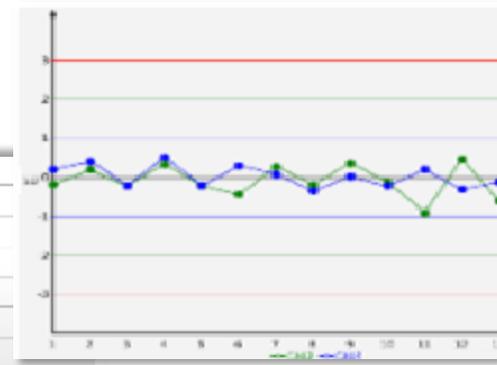
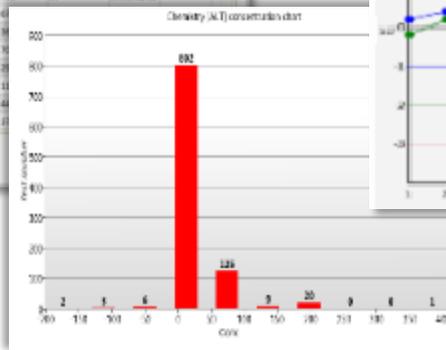
Reagent Status

Filter conditions

Chemistry Tests Left (s) Days left (s) Residue Volume (s)

Chemistry	Cal Status	Calibration Date	Reagent Name	Exp. Type	Position	Tests Left	Residue volume (s)	Days left	Spec. Reaction	Exp. Date	Lot No.
ALB	Calibrated	2017/08/08	ALB_R1	RI	16	96	18.61	429	80	2018/01/11	
ALP	Calibrated	2017/08/08	ALP_R1	RI	48	295	62.57	706	80	2018/11/18	
ALP	Calibrated	2017/08/08	ALP_R2	RI	3	437	16.38	669	80	2018/02/12	
ALT	Calibrated	2016/12/14	ALT_R2	RI	1	377	59.20	956	30	2020/06/04	
ALT	Calibrated	2016/12/14	ALT_R5	RI	48	92	29.70	706	80	2018/11/18	
AMY	Calibrated	2016/12/14	AMY_R5	RI	51	357	69.80	243	80	2018/08/13	
AMY	Calibrated	2016/12/14	AMY_R2	RI	16	175	19.80	326	80	2018/11/08	
AST	Calibrated	2016/12/14	AST_R1	RI	47	99	31.74	765	80	2020/02/11	
AST	Calibrated	2016/12/14	AST_R2	RI	2	381	19.56	46			
CK	Calibrated	2016/12/14	CK_R1	RI	79	357	69.80	8			
CK	Calibrated	2016/12/14	CK_R2	RI	14	175	19.80	8			
CK-MB	Calibrated	2016/12/14	CK-MB_R1	RI	82	357	69.80	9			
CK-MB	Calibrated	2016/12/14	CK-MB_R2	RI	17	175	19.80	11			
CPA	Calibrated	2017/08/11	CPA_R1	RI	65	206	69.82	14			
CPA	Calibrated	2017/08/11	CPA_R2	RI	10	460	16.84	3			

Inventory Reset Close



✓ /

✓ /

✓ /

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Genru

2018/01/10
Wednesday
16:55:08

Sample Disk | Reagent Disk

Disk 1

Reagent Status

Filter conditions

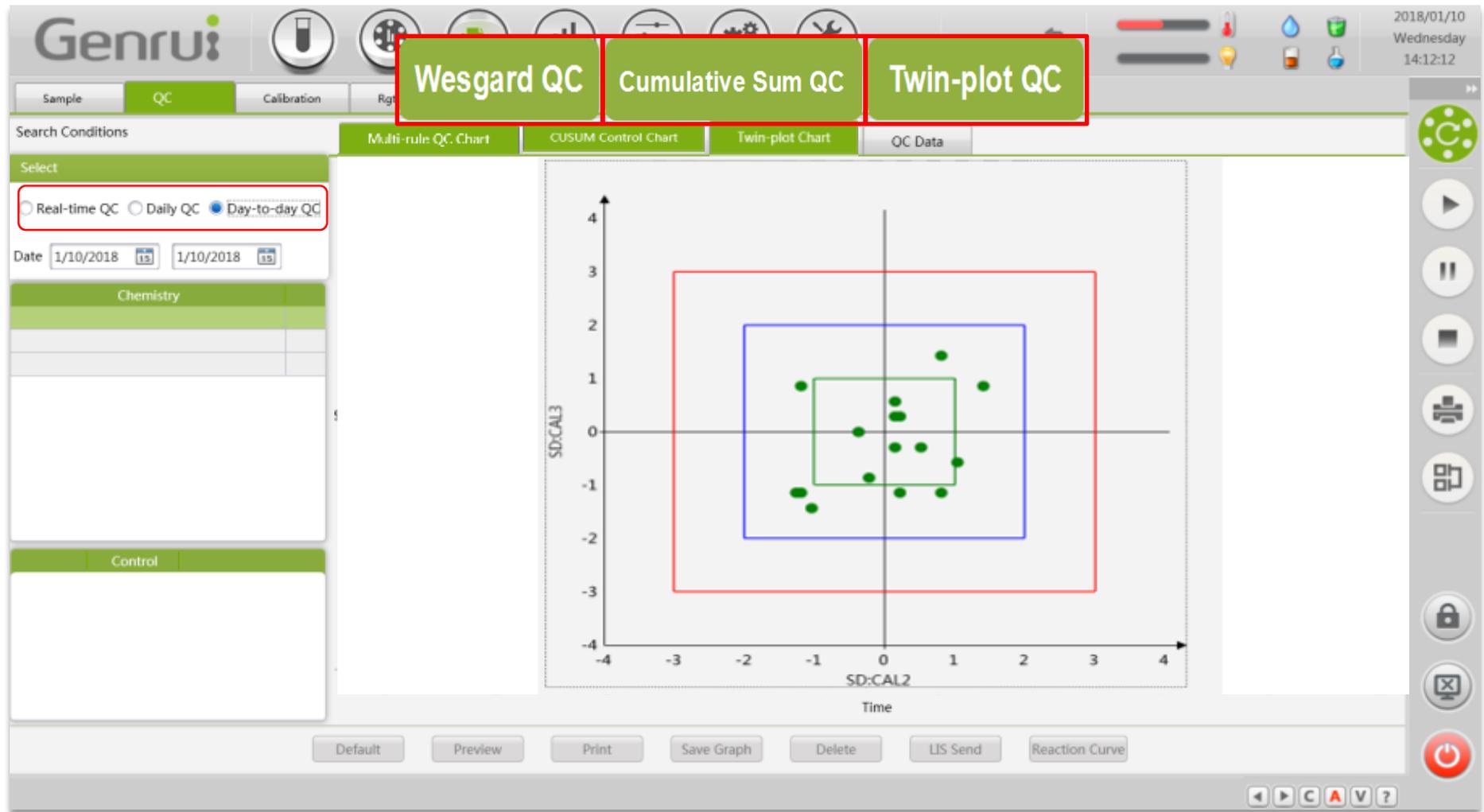
Chemistry Tests Left (s) Days left (s) Residue Volume (s)

Chemistry	Cal Status	Calibration Date	Reagent Name	Rgt Type	Position	Tests Left	Residue volume (ml)	Days left	Specification	Exp Date	Lot No.
			Diluent		45		30.00	141	30	2018/06/01	
ALB	Calibrated	2017/08/08	ALB_R1	R1	51	96	38.43	426	60	2019/03/13	
ALP	Calibrated	2017/08/08	ALP_R1	R1	48	195	62.57	706	60	2019/12/18	
ALP	Calibrated	2017/08/08	ALP_R2	R2	3	457	36.58	649	30	2019/10/22	
ALT	Calibrated	2016/12/14	ALT_R2	R2	1	377	30.20	936	30	2020/08/04	
ALT	Calibrated	2016/12/14	ALT_R1	R1	46	92	29.70	706	60	2019/12/18	
AMY	Calibrated	2016/12/14	AMY_R1	R1	81	187	60.00	245	60	2018/09/13	
AMY	Calibrated	2016/12/14	AMY_R2	R2	36	375	30.00	301	30	2018/11/08	
AST	Calibrated	2016/12/14	AST_R1	R1	47	99	31.74	761	60	2020/02/11	
AST	Calibrated	2016/12/14	AST_R2	R2	2	381	30.56	677	30	2019/11/19	
CK	Calibrated	2016/12/14	CK_R1	R1	79	187	60.00	362	60	2019/01/08	
CK	Calibrated	2016/12/14	CK_R2	R2	34	375	30.00	700	30	2019/12/12	
CK-MB			CK-MB_R1	R1	82	187	60.00	294	60	2018/11/01	
CK-MB			CK-MB_R2	R2	37	375	30.00	118	30	2018/05/09	
CREA	Calibrated	2017/08/11	CREA_R1	R1	65	205	65.82	448	60	2019/04/04	
CREA	Calibrated	2017/08/11	CREA_R2	R2	20	460	36.84	370	30	2019/01/16	

Inventory Reset Close

Save

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Genru:

2018/01/11
Thursday
21:04:28

Test Statistics | Workload Statistics | **Charge Statistics**

Statistical Condition

Select Charge Statistics Cost Statistics

Request Date: 8/1/2017 -- 1/11/2018

Statistics | Print

Request Date	Name	Sample ID	Chemistry number	Completion	Total Cost	Total Charge	Total Profit
12/31/2017		12	3	3	6	10	4
12/31/2017		13	3	3	6	10	4
12/31/2017		14	3	3	6	10	4
12/31/2017		15	3	3	6	10	4
12/31/2017		16	3	3	6	10	4
12/31/2017		17	3	3	6	10	4
12/31/2017		18	3	3	6	10	4
12/31/2017		19	3	3	6	10	4
12/31/2017		20	3	3	6	10	4
12/31/2017		21	3	3	6	10	4
12/31/2017		22	3	3	6	10	4
12/31/2017		23	3	3	6	10	4
12/31/2017		24	3	3	6	10	4
12/31/2017		25	3	3	6	10	4
12/31/2017		26	3	3	6	10	4
12/31/2017		27	3	3	6	10	4
12/31/2017		28	3	3	6	10	4
12/31/2017		29	3	3	6	10	4
12/31/2017		30	3	3	6	10	4
12/31/2017		31	3	3	6	10	4
Total			79290	79194	148568	252848	104280

Navigation icons: refresh, play, pause, stop, print, zoom in, zoom out, power

Contaminator			Contaminated		
AST			LDH		
Chemistry	Rgt Type	Pollution Chemistries	Chemistry	Rgt Type	Contaminated Cuve
ALT	R1		ALB	<input type="checkbox"/> R1	<input type="checkbox"/>
ALT	R2		ALP	<input type="checkbox"/> R1 <input type="checkbox"/> R2	<input type="checkbox"/>
TP	R1		LDH	<input checked="" type="checkbox"/> R1 <input checked="" type="checkbox"/> R2	<input type="checkbox"/>
TP	R2		CK-MB	<input type="checkbox"/> R1 <input type="checkbox"/> R2	<input type="checkbox"/>
DBIL	R1		APOB	<input type="checkbox"/> R1 <input type="checkbox"/> R2	<input type="checkbox"/>
DBIL	R2		AST	<input type="checkbox"/> R1 <input type="checkbox"/> R2	<input type="checkbox"/>
URFA	R1		CK	<input type="checkbox"/> R1 <input type="checkbox"/> R2	<input type="checkbox"/>



1. ALT (IFCC), AST (IFCC)

2. CK (NAC)r

LDH

GLU

- 1
- 2
- 3
- 4
- 5
- 6



Genrui

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