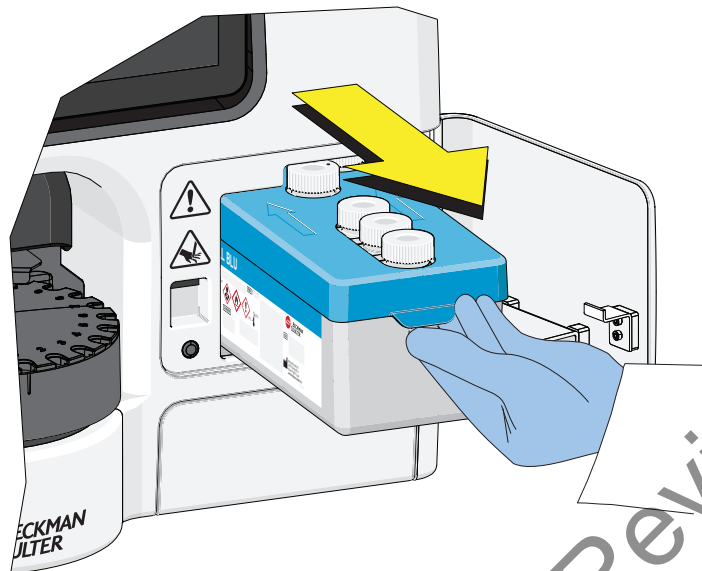


**WARNING**

Risk of biohazardous contamination if you have skin contact with the Reagent Pack and the solid waste container and its contents. The Reagent Pack and the solid waste container and its contents could contain residual biological material and must be handled with care. Clean up spills immediately. Dispose of the Reagent Pack and the solid waste in accordance with your local regulations and acceptable laboratory procedures.

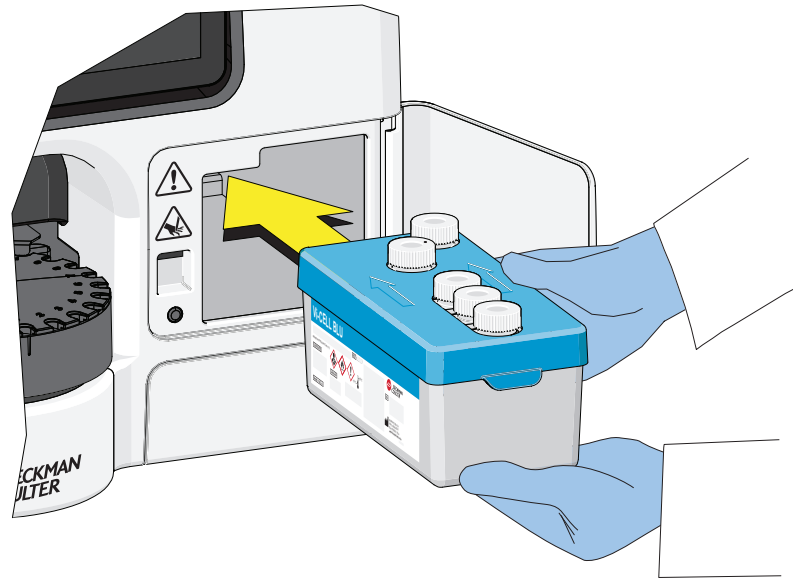
Always use the appropriate Personal Protective Equipment (PPE) when working with biohazardous materials.

**4** Remove empty Reagent Pack




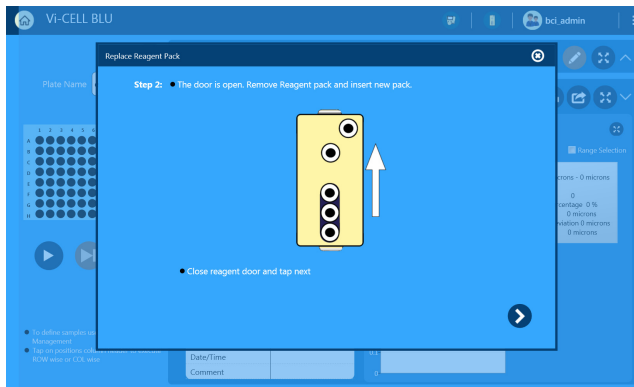
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5 Insert new Reagent Pack.



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6 Close the reagent door and select .



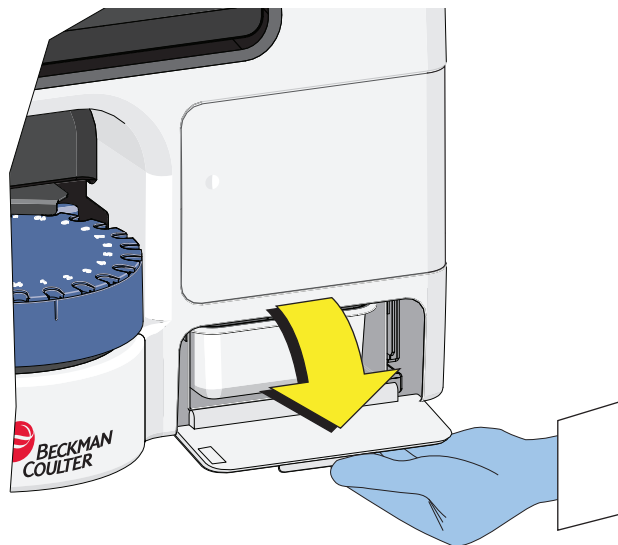
7 Confirm Reagent information and select .



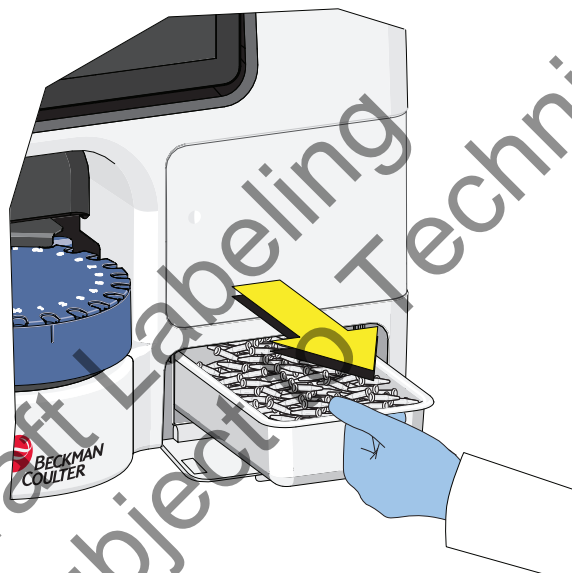
**! WARNING**

Risk of biohazardous contamination if you have skin contact with the spent tube tray, its contents, and its associated tubing. The spent tube tray and its associated tubing could contain residual biological material and must be handled with care. Clean up spills immediately. Dispose of the contents of the spent tube tray in accordance with your local regulations and acceptable laboratory procedures.

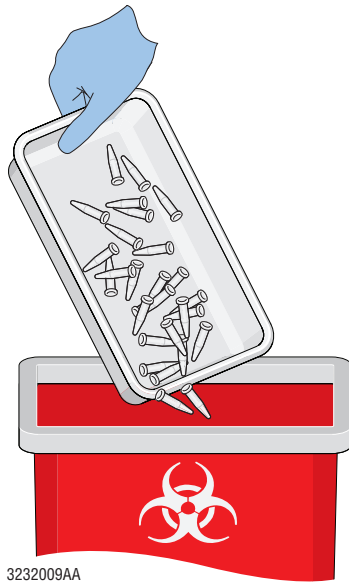
- 8 Open the spent tube tray door.



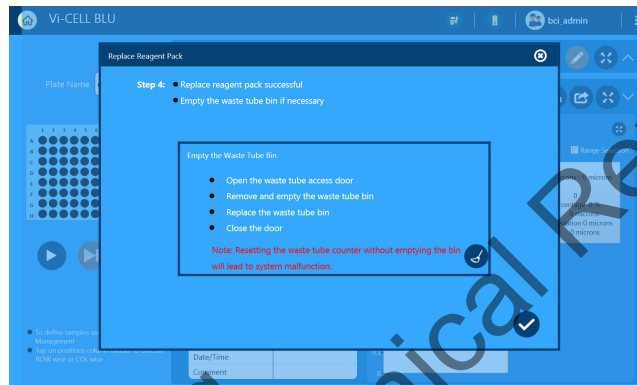
- 9 Remove the spent tube tray.



10 Empty the spent tube tray.



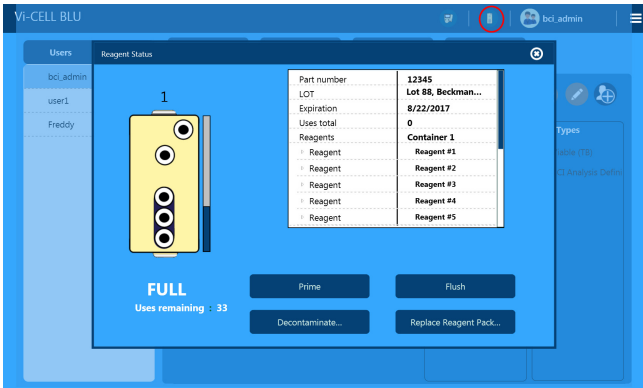
11 Select .




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### Prime the Instrument

1 Select  and Prime.



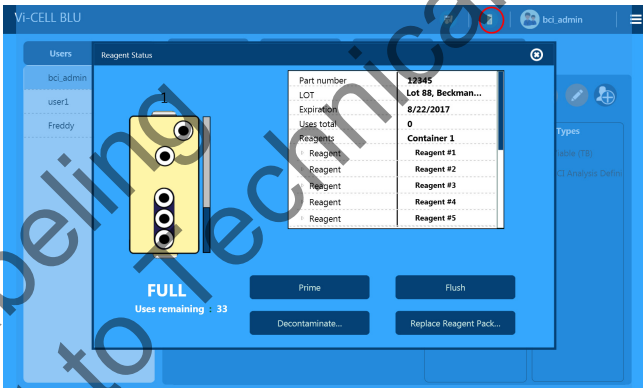
2 When priming is complete, select  to exit the screen.

### Decontaminate




Green Screens need to be replaced throughout

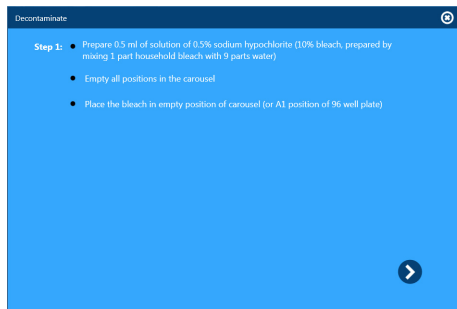
1 Select  and Decontaminate. Colin asks if we could recommend this be done weekly




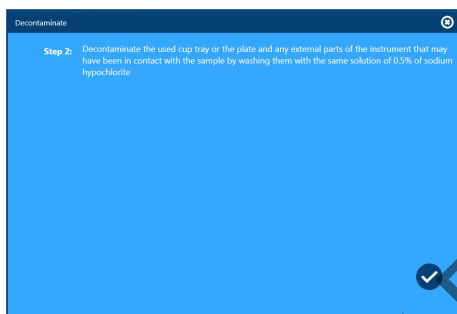
**WARNING**

Risk of chemical injury from bleach. To avoid contact with the bleach, use barrier protection, including protective eyewear, gloves, and suitable laboratory attire. Refer to the Safety Data Sheet for details about chemical exposure before using the chemical.

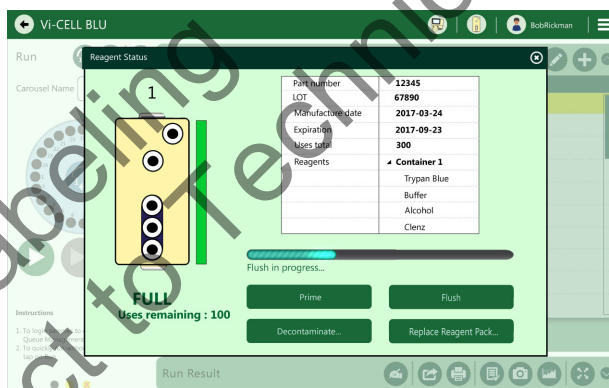
2 Prepare a bleach solution and select .



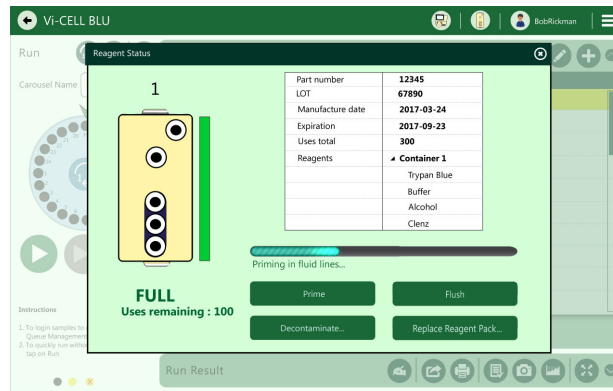
3 Decontaminate the rest of the instrument and tap .



4 The instrument will perform a flush cycle.



5 The instrument will Prime the fluid lines.



## Decontaminate with Vaporized Hydrogen Peroxide

Beckman Coulter recognizes that you may need to occasionally decontaminate the instrument.

The instrument is a high performance instrument with sensitive electronic, optical and mechanical components. Beckman Coulter has determined that the only approved method of decontamination for the instrument is to use Vaporized Hydrogen Peroxide (VHP). VHP decontamination is supported by the National Institutes of Health, is more personnel friendly than other methods, does not leave carcinogenic residue, and is accepted in countries around the world.

### **CAUTION**

Methods that utilize any decontamination method other than Vaporized Hydrogen Peroxide (formaldehyde, etc.) are not supported by Beckman Coulter and could cause substantial damage to the instrument. This damage is not covered by the instrument warranty.

### **WARNING**

Proper and successful application of a Vaporized Hydrogen Peroxide decontamination cycle is the responsibility of the Laboratory Safety Officer and the personnel performing the decontamination protocol. Only trained and certified personnel should perform decontamination activities.



 **CAUTION**

By their nature, decontamination methods are aggressive in order to kill pathogens. It is important that the following items be considered when the instrument is decontaminated:

- VHP decontamination methods will cause slight and progressive aesthetic damage to items such as anodized aluminum, some paints and other coatings.
- Labels, including warning labels, may come loose and may need to be replaced after one or more decontamination cycles. Inspect the instrument after decontamination to determine if new labels should be applied. If additional labels are needed, contact your Beckman Coulter Representative.
- The serial and part number labels on the instrument may show degradation after the decontamination process. These values should be noted in your laboratory's device history documentation and/or other permanent records. Contact the manufacturer for replacement serial and part number labels if needed.
- Decontamination methods can be dangerous to those in the area; observe all safety rules presented by the decontamination provider.
- The application of VHP does not leave carcinogenic residue. Other, unsupported decontamination methods may.
- Do not allow the VHP decontamination cycle to condense. This could cause equipment damage that would not be covered under the warranty. Decontamination providers will develop a process cycle that should effectively decontaminate the instrument without condensing. A higher concentration decontamination cycle is shorter in duration, but very high concentrations run the risk of condensing. It is best to run lower concentrations in exchange for a longer decontamination cycle.
- Decontamination methods may not be effective against pathogens that are suspended in liquids. Liquids may be present due to leaks or spills and the instrument system must be inspected in order to assure that they are not present before a decontamination cycle is performed.
- The Laboratory's Safety Officer is the responsible for the choice, application and efficacy of any decontamination protocols. Any application notes or information from Beckman Coulter is for informational purposes only.
- The instrument has been designed to be tolerant of VHP decontamination; however, an excessive number of applications may cause damage.
- Due to its sealed nature, the optical module of the Vi-CELL BLU does not receive sufficient concentrations of VHP to decontaminate it. Contact your Beckman Coulter Representative if you feel the optical module requires decontamination.

 **CAUTION**

For the instrument to be sufficiently decontaminated, the following steps must be taken:

- The Vi-CELL BLU Reagent Pack must be removed from the instrument and the reagent bay door left open for the duration of the decontamination cycle.
- The waste tray must be removed from the instrument and the waste bay door left open for the duration of the decontamination cycle.
- The instrument must be powered down.

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# Abbreviations

**IEEE** — Institute of Electrical and Electronics Engineers

**PN** — part number

**RoHS** — Restriction of Use of Hazardous Substances

**X** — times

**WEEE** — Waste Electrical and Electronic Equipment Directive

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## Numerics

- 21 CFR Part 11, [8-1](#)
  - electronic records rule, [8-1](#)
  - electronic signatures rule, [8-1](#)
  - FDA, [8-1](#)
  - Section 11.3 Subpart A, [8-2](#)
- 96 well plate
  - add samples to the queue, [4-4](#)

## A

- abbreviations, [Abbreviations-1](#)
- access levels
  - users, [6-12](#)
- add 96 well plate samples to the queue, [4-4](#)
- add carousel samples to the queue, [4-1](#)
- analysis events
  - sequence, [1-1](#)
- autofocus
  - focusing wizard, [B-1](#)

## B

- Beckman Coulter Customer Support Center,
  - contacting, [ii](#)
- biohazard contamination warning, [-xxiii](#), [4-1](#),  
[4-4](#)
- bioprocess results, [4-12](#)

## C

- calibration
  - control concentration, [B-2](#)
- call center, contact information, [ii](#)
- camera image
  - options, [4-9](#)
- Canadian Radio Interference Certification, [-ix](#)
- carousel
  - add samples to the queue, [4-1](#)
- cautions
  - definition, [-v](#)
- cell count specification, [A-1](#)
- cell type administration, [6-1](#)

## cell types

- what is a cell type, [6-1](#)
- cell viability, [A-1](#)
- Certification
  - Canadian Radio Interference, [-ix](#)
- circularity statistics, [C-1](#)
- cleaning and ventilation
  - installation environment validation, [2-3](#)
- concentration specification, [A-1](#)
- connecting the instrument, [2-6](#)
- contact information, Beckman Coulter
  - Customer Support Center, [ii](#)
- control
  - run concentration control, [7-1](#)
- control concentration, [B-2](#)
- control feature
  - what is it, [7-1](#)
  - what is the control feature, [7-1](#)
- controls for electronic records, [8-2](#)
- covers and panels warning, [3-1](#)

## D

- daily startup, [3-1](#)
- daily verification, [2-22](#)
- data acquisition
  - specifications, [A-1](#)
- data analysis, [5-1](#)
  - export results, [5-4](#)
  - import results, [5-2](#)
- date and time, [2-16](#)
- decontaminate, [E-9](#)
  - using vaporized hydrogen peroxide, [E-11](#)
- disposal of electronic equipment, [-xi](#)

## E

- effective field of view statistics, [C-1](#)
- environment requirements, [2-1](#)
- environment validation (installation)
  - ventilation and cleaning, [2-3](#)
  - worktable, [2-2](#)
- error messages, [D-1](#)

- establishing an electronic record, 8-3
  - 21 CFR Part 11 Security, 8-3
  - applying electronic signatures, 8-5
  - electronic signature, 8-4
  - file history, 8-3
  - generating electronic signatures, 8-5
  - operational checks, 8-3
- export results, 5-4

## F

- FCC conformance
  - RFID, -x
- FDA requirements, 8-2
  - public docket No. 92S-0251., 8-2
- first time login, 2-8

## G

- generating electronic signatures
  - user account, 8-5

## H

- help, Beckman Coulter Customer Support Center, ii
- hemacytometer
  - historical perspective, 1-3
- home screen, 2-9

## I

- implementing electronic records and signatures, 8-2
- import results, 5-2
- install
  - reagent pack, 2-11
- installation, 2-4
  - environment, 2-1
  - power requirements, 2-1
  - pre-installation checks, 2-1
  - temperature and humidity requirements, 2-2

## L

- language options, 2-16
- login
  - first time, 2-8

## M

- main menu, 2-10
- manual
  - conventions, xxi
- menu
  - main menu, 2-10
- moving parts warning, -xii
- my profile
  - user setup, 2-21

## P

- parameters to display, 2-16
- physical requirements, A-1
- power requirements, 2-1
- precautions
  - other, xxiii
  - safety, xxii
- preferences
  - setting up, 3-3
- prime instrument, E-9

## Q

- quality control, 7-1

## R

- reagent pack
  - install, 2-11
- reagent status, E-1
- replace reagent pack, E-1
- reports
  - bioprocess reports, 6-7
  - cell type reports, 6-10
  - completed run summary reports, 6-4
  - instrument reports, 6-11
  - quality controls reports, 6-8
  - run results reports, 6-5
- reports administration, 6-4
- reviewing/reanalyze data, 5-1
- RFID
  - FCC conformance, -x
  - RoHS caution label, -xiii
  - RoHS notice, -xiii
    - RoHS caution label, -xiii
- Run, 4-1
- run a concentration control, 7-1
- run options, 2-16
- run results, 4-8

run samples, [4-1](#), [4-4](#)  
 run statistics, [C-1](#)

## S

Safety, [v](#)  
 safety  
   symbols, [-xiv](#)  
 safety notice  
   cleaning, [xii](#)  
   electrical safety, [viii](#)  
   disposal of electronic equipment, [-xi](#)  
   maintenance, [xiii](#)  
 safety symbols, [xiv](#)  
 screen  
   home screen, [2-9](#)  
 Section 11.3 Subpart A, [8-2](#)  
 security, [2-16](#)  
 sequence  
   analysis events, [1-1](#)  
 Serial number, [2-16](#)  
 service and maintenance, [B-1](#)  
 service, contact information, [ii](#)  
 set focus, [B-1](#)  
 setup users, [2-19](#)  
 signoff results, [4-14](#)  
 software  
   preferences, [3-3](#)  
 specifications  
   cell count, [A-1](#)  
   cell viability, [A-1](#)  
   concentration, [A-1](#)  
   data acquisition, [A-1](#)  
   physical requirement, [A-1](#)  
   system, [A-1](#)  
   unit dimensions, [A-2](#)  
 startup  
   daily, [3-1](#)  
 Statistics, [C-1](#)  
   Run Statistics, [C-1](#)  
 statistics, [C-1](#)  
   circularity, [C-1](#)  
   effective field of view, [C-1](#)  
   run statistics, [C-1](#)  
 storage administration, [6-11](#)  
 support, Beckman Coulter customer, [ii](#)  
 symbols  
   safety, [-xiv](#)  
 system components, [1-5](#)  
 system overview, [1-1](#)

system settings, [2-16](#)  
 system specifications, [A-1](#)

## T

temperature and humidity requirements, [2-2](#)  
 troubleshooting  
   controller board, communication, host  
     comm error, [D-3](#)  
   controller board, firmware, firmware  
     bootup error, [D-3](#)  
   controller board, firmware, firmware  
     update error, [D-3](#)  
   controller board, firmware, invalid firmware  
     version, [D-3](#)  
   controller board, general, connection  
     error, [D-3](#)  
   fluidics, general, communication error, [D-6](#)  
   fluidics, general, hardware error, [D-6](#)  
   fluidics, general, nightly clean skipped, [D-6](#)  
   fluidics, syringe pump, [D-6](#)  
   fluidics, valve controller, [D-7](#)  
   imaging, camera, cannot connect, [D-7](#)  
   imaging, camera, hardware error, [D-7](#)  
   imaging, camera, operation timeout, [D-7](#)  
   imaging, general, hardware error, [D-7](#)  
   imaging, general, operation timeout, [D-7](#)  
   imaging, LED, hardware error, [D-8](#)  
   imaging, trigger, hardware error, [D-8](#)  
   imaging, trigger, operation timeout, [D-8](#)  
   instrument, configuration, calibration not  
     found, [D-1](#)  
   instrument, configuration, configuration  
     not found, [D-1](#)  
   instrument, database, insert error, [D-2](#)  
   instrument, database, no connection, [D-2](#)  
   instrument, database, retrieve error, [D-2](#)  
   instrument, general, logic error, [D-1](#)  
   instrument, general, missing  
     component, [D-1](#)  
   instrument, integrity, verification on  
     read, [D-3](#)  
   instrument, storage, near capacity, [D-2](#)  
   instrument, storage, read error, [D-2](#)  
   instrument, storage, write error, [D-2](#)  
   motion, general, [D-5](#)  
   motion, motor, homing failure, [D-5](#)  
   motion, motor, operation timeout, [D-5](#)  
   motion, motor, overcurrent, [D-6](#)  
   motion, motor, sample probe, positioning



- failure, [D-5](#)
- motion, motor, thermal, [D-6](#)
- motion, sample deck, calibration failure, [D-5](#)
- motion, sample deck, not calibrated, [D-5](#)
- reagents, bay hardware, latch error, [D-4](#)
- reagents, bay hardware, sensor error, [D-4](#)
- reagents, genera, [D-3](#)
- reagents, reagent pack, no pack, [D-4](#)
- reagents, reagent pack, pack empty, [D-4](#)
- reagents, reagent pack, pack expired, [D-4](#)
- reagents, reagent pack, pack invalid, [D-4](#)
- reagents, reagent pack, usage update fail, [D-4](#)
- reagents, RFID hardware, hardware error, [D-3](#)
- troubleshooting tables, [D-1](#)
- trypan blue dye exclusion method, [1-3](#)

## U

- unit dimensions, [A-2](#)
- unpacking inspection, [2-5](#)
- user access levels, [6-12](#)
- user administration, [2-19](#)
- user setup, [2-19](#)
  - my profile, [2-21](#)
- user types, [6-12](#)

## V

- vaporized hydrogen peroxide
  - decontaminate, [E-11](#)
- ventilation and cleaning
  - installation environment validation, [2-3](#)
- verification
  - daily, [2-22](#)
  - instrument performance, [2-22](#)
- VHP
  - decontaminate, [E-11](#)
- viability
  - how to determine, [1-3](#)
  - image analysis solution, [1-3](#)
  - why measure, [1-3](#)
- viability and cellular parameters
  - measuring, [1-3](#)
- Vi-CELL BLU
  - system components, [1-5](#)
  - system overview, [1-1](#)

## W

- warnings
  - biohazard contamination, [-xxiii](#), [4-1](#), [4-4](#)
  - covers and panels, [3-1](#)
  - definition, [-v](#)
  - hazardous waste, [-xxii](#)
  - moving parts, [-xii](#)
- worktable
  - installation environment validation, [2-2](#)

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## Related Documents

### **Vi-CELL BLU Cell Viability Analyzer, Instructions for Use**

PN C13232

- Introduction
- Introducing the Vi-CELL BLU
- Installation and Verification
- Quick Start Guide
- Software Menus
- Special Software Features
- Exporting Results
- Regulatory Compliance - 21 CFR Part 11
- Appendices
- References

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