Freezer Web Access Quick Start Guide





When logging in for the first time, login name and password for the default administrator login are both admin.



| С | alendar Ad | ld Batch | Add Samples | Batches | Freeze | ers Kits | Search | Removal Logs | More | | Barcode o | r Terms |
|--------|---------------------------------|----------------------|-------------|--------------|-----------|---------------|------------|---------------|---------|------------|-----------|---------|
| _ | | | | | | | | | | | | |
| T S | rack cell line l how/Hide co | ineage Typ Diumns | e Batch | | | | | | | | | |
| 9 | elect Batch | | | | | | | | | | | |
| | Project | Catalog Numb | Batch | Parent Batch | QC Requir | Sample Type | Technician | Date | Documen | Total Vial | Remainin | Shipped |
| | | | | | All 💌 | All | All | | | | | |
| 1 | Kir2.1-CHO | CT4127 | 1177 | | No | Customer Cell | Admin | 2013-03-10 18 | 0 | 64 | 63 | 1 |
| 2 | Bombesin 2 (G | A694 | 1506 | 869 | No | Customer Cell | Admin | 2013-03-10 18 | 0 | 120 | 108 | 12 |
| 3 | Bombesin 2 (G | A694 | 869 | | No | Customer Cell | Admin | 2013-03-10 17 | 0 | 40 | 40 | 0 |
| 4 | Nicotinic a3/b4 | CT4021 | 1150 | | No | Customer Cell | Admin | 2013-03-10 17 | 0 | 100 | 0 | 100 |
| | | | | | | | | | | | | |

You are redirected to the Batches tab after logging in.



| Calendar Add Batch Select Site Demo Site Select Calendar Show/Hide columns Select Batch Project Catalog Nume Project Catalog Nume Project Catalog Nume Project Catalog Nume Project Catalog Nume Project Catalog Nume Project Catalog Nume Project Catalog Nume Project Catalog Nume Project Catalog Nume Project Catalog Nume Project Catalog Nume Project | _ | | | | | | | | | | | | | |
|--|---|------------------|--------------------|--------------|----------------------|-----------|---------------|-------------|---------------|---------|------------|-----------|---------|---|
| Demo Ste Select recer Test Bern Box2->Rack1->-20 C->Bern Close Close Project Catalog Num Colspan="4">Colspan="4">Colspan=4"Colspan=4"Colspa= | С | alendar Ac | ld Batch | Select Site | Demo Site | | | - | | | • | Barcode o | r Terms | |
| Track cell line lineage Ty Bern Box2->Rack1->-20 C->Bern Close Close Close Close Project Catalog Number of the column of | | | | Select recer | Demo Site | | | | | | | | | |
| Close Close Project Catalog Num Catalog Num Catalog Num Close Counter Total Vial Remainin Shipped I Nir2.1-CHO CHI 201 ITTT No Customer Cell Admin 2013-03-101 8 0 66 I Kir2.1-CHO CHI 201 ITTT No Customer Cell Admin 2013-03-101 8 0 66 I Nicotinic a3/b4 CH021 ITTO No Customer Cell Admin 2013-03-1017 0 100 100 100 I Kir2.1-CHO CHI 201 100 No Customer Cell Admin 2013-03-1017 0 100 100 100 100 100 100 100 100 100 100 100 100 <t< td=""><td>5</td><td>rack cell line l</td><td>ineage Ty Dumns</td><td>Bern</td><td>Test Box2->Rack1-</td><td>>-20 C->B</td><td>ern</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | 5 | rack cell line l | ineage Ty Dumns | Bern | Test Box2->Rack1- | >-20 C->B | ern | | | | | | | |
| Project Catalog Numb Date of Parent Date of Celeval | - | Select Batch | | | | | | | | Close | | | | C |
| Image: Constraint of the state of the sta | | Project | Catalog Numb | Daton | Parent Daton | QC Kequi | Sample Type | recrimician | Date | Documen | Fotal Vial | Remainin | Shipped | |
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| 2 Bombesin 2 (G A694 1506 869 No Customer Cell Admin 2013-03-10 18 0 120 108 12 3 Bombesin 2 (G A694 869 No Customer Cell Admin 2013-03-10 17 0 40 40 0 4 Nicotinic a3/b4 CT4021 1150 No Customer Cell Admin 2013-03-10 17 0 100 0 100 | 1 | Kir2.1-CHO | CT4127 | 1177 | | No | Customer Cell | Admin | 2013-03-10 18 | 0 | 64 | 63 | 1 | |
| Bombesin 2 (G A694 869 No Customer Cell Admin 2013-03-10 17 0 40 40 0 4 Nicotinic a3/b4 CT4021 1150 No Customer Cell Admin 2013-03-10 17 0 100 0 100 | 2 | Bombesin 2 (G | A694 | 1506 | 869 | No | Customer Cell | Admin | 2013-03-10 18 | 0 | 120 | 108 | 12 | |
| 4 Nicotinic a3/b4 CI 4021 1150 No Customer Cell Admin 2013-03-10 1/2 0 100 0 100 | 3 | Bombesin 2 (G | A694 | 869 | | No | Customer Cell | Admin | 2013-03-10 17 | 0 | 40 | 40 | 0 | |
| 🗈 View + Add 🎤 Edit 🙃 Reset Vials 🗵 Transfer 🍽 Alerts 🕲 Notifications 🛋 Documents 📣 Tree 💷 Validation 🛋 Export 🗃 Barcodes 🛛 View 1 - 4 d | 4 | Nicotinic 85/04 | | | | | | | | | | | | |

Freezer Web Access supports multiple independent data sets, sites. To switch between sites, press the site name link in the top left corner. Switch to the Demo Site.



| | | | | | _ | | | - • | | | | |
|-----------|-----------------|--------------|-------------|--------------|-----------|---------------|------------|---------------|---------|------------|-----------|---------|
| Cal | endar Ac | Id Batch A | Add Samples | Batches | Freeze | ers Kits | Search | Removal Logs | More | | Barcode o | r Terms |
| Tra Sh | ow/Hide co | ineage Type | e Batch | | | | | | | | | |
| Se | lect Batch | | | | | | | | | | | c |
| | Project | Catalog Numb | Batch | Parent Batch | QC Requir | Sample Type | Technician | Date | Documen | Total Vial | Remainin | Shipped |
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| 1 1 | (ir2.1-CHO | CT4127 | 1177 | | No | Customer Cell | Admin | 2013-03-10 18 | 0 | 64 | 63 | 1 |
| 2 E | 30mbesin 2 (G | A694 | 1506 | 869 | No | Customer Cell | Admin | 2013-03-10 18 | 0 | 120 | 108 | 12 |
| 3 E | Bombesin 2 (G | A694 | 869 | | No | Customer Cell | Admin | 2013-03-10 17 | 0 | 40 | 40 | 0 |
| 4 1 | Nicotinic a3/b4 | CT4021 | 1150 | | No | Customer Cell | Admin | 2013-03-10 17 | 0 | 100 | 0 | 100 |
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The Batches tab serves as the starting point for the Freezer Web Access system. The Batches tab allows you to view a list of batches that have been entered into the system or correct the details of an existing batch.



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| (i) localhost:8080/ | fwa/batches?type=3 | 8menuPage=0 | | | C | Q. Search | |] ☆ (🖻 | a 🖂 | ↓ 佘 | * @ | |
|-----------------------------|--------------------|----------------|----------------|-----------|----------------|--------------|---------------|---------|------------|------------|--------------|----|
| ezer Web Ac | cess | Demo Site - | Dashboa | rd Re | quests & QC | Cell Cultu | re Configu | uration | Help | | Si | gn |
| Calendar | Add Batch | Add Samples | Batches | Freeze | rs Kits | Search | Removal Logs | More | • • (| Barcode o | r Terms | _ |
| Track cell lin Show/Hide | e lineage Typ | e Batch | | | | | | | | | | |
| Select Batch | | | | | | | | | | | | 0 |
| Project | Catalog Numb | Batch | Parent Batch | QC Requir | Sample Type | Technician | Date | Documen | Total Vial | Remainin | Shipped | |
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| 1 Bombesin 2 | (G A694 | 1506 | 869 | No | Customer Cell | Admin | 2013-03-10 18 | 0 | 120 | 108 | 12 | |
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| 🗅 View 🕂 Add | 🧨 Edit 🔊 Rese | t Vials 🖉 Trar | sfer ∣≋ Alerts | Notificat | ions 🛛 🛋 Docun | nents 🖨 Tree | Validation | Export | Barcod | es V | iew 1 - 2 of | |

A list of batches and samples can be filtered by criteria on the top of the Batches grid.



| 3 | localhost:8081/f | wa/batches?t | ype=38menu | Page=0 | | | | ▼ | C Q Sea | arch | | ☆ | ê 🦊 | ^ | *** - | Ø |
|----|------------------|--------------|--------------|-----------|-------|------------|----------|---------------|---------------|-------------|------------|---------|------------|---------------|-------------|-------|
| 6 | Rockville | Box1->R | acl A 6 (| BP110 | 0014 | 2013-03-07 | P11 | GPCR 1 | Farge Trypsin | n 90% F | BS + None | | Calcium | СНО | pACS2 | |
| 7 | Rockville | Box1->R | acl A 7 (| BP110 | 0014 | 2013-03-07 | P11 | GPCR 1 | Farge Trypsin | n 90% F | BS + None | | Calcium | СНО р | pACS2 | |
| 8 | Rockville | Box1->R | ack A 8 (| BP110 | 0014 | 2013-03-07 | P11 | GPCR 1 | Farge Trypsin | n 90% F | BS + None | | Calcium | СНО ј | pACS2 | |
| 9 | Rockville | Box1->R | ack A 9 (| BP110 | 0014 | 2013-03-07 | P11 | GPCR 1 | Farge Trypsin | n 90% F | BS + None | | Calcium | СНО ј | pACS2 | |
| 10 | Rockville | Box1->R | ack B 1 (| BP110 | 0015 | 2013-03-07 | P11 | GPCR 1 | Farge Trypsin | n 90% F | BS + None | • | Calcium | СНО р | pACS2 | |
| 11 | Rockville | Box1->R | ack B 2 (| BP110 | 00153 | 2013-03-07 | P11 | GPCR 1 | Farge Trypsin | n 90% F | BS + None | | Calcium | СНО ј | pACS2 | • |
| V | /iew Sample | 🖋 Edit San | nple 🖉 Sa | mple Acti | vity | Show Bo | x 📾 Do | cuments | | | | | | View | 1 - 108 of | 108 |
| ٧ | /ial History | | | | | | | | | | | | | | | 0 |
| | Shipping | Comment | Date | Technici | ar Do | Barcode | Freeze | da' Final Pas | ss Target Fa | ar Detachme | Freezing I | IC Va | lidat GPCR | Vali Parental | C Vector | |
| | | | | | | | | | All | · | | All | - | | | |
| 1 | In-House | Bad Batch | 2013-03-1 | Admin | C | BP110001 | 2013-0 | 3-0 P11 | GPCR Ta | rg Trypsin | 90% FBS | None | Calciu | m CHO | pACS2 | - |
| 2 | In-House | Bad Batch | 2013-03-1 | Admin | C | BP110001 | 5 2013-0 | 3-0 P11 | GPCR Ta | rg Trypsin | 90% FBS | + None | Calciu | m CHO | pACS2 | |
| 3 | In-House | Bad Batch | 2013-03-1 | Admin | C | BP110001 | 5 2013-0 | 3-0 P11 | GPCR Ta | rg Trypsin | 90% FBS | None | Calciu | m CHO | pACS2 | |
| 4 | In-House | Bad Batch | 2013-03-1 | Admin | C | BP110001 | €2013-0 | 3-0 P11 | GPCR Ta | rg Trypsin | 90% FBS | None | Calciu | m CHO | pACS2 | |
| 5 | In-House | Bad Batch | 2013-03-1 | Admin | 0 | BP110001 | €2013-0 | 3-0 P11 | GPCR Ta | rg Trypsin | 90% FBS | None | Calciu | m CHO | pACS2 | |
| 6 | In-House | Bad Batch | 2013-03-1 | Admin | 0 | BP110001 | €2013-0 | 3-0 P11 | GPCR Ta | rg Trypsin | 90% FBS | None | Calciu | m CHO | pACS2 | |
| 7 | In-House | Bad Batch | 2013-03-1 | Admin | 0 | BP110001 | 2013-0 | 3-0 P11 | GPCR Ta | rg Trypsin | 90% FBS | None | Calciu | m CHO | pACS2 | |
| 8 | In-House | Bad Batch | 2013-03-1 | Admin | 0 | BP110001 | 2013-0 | 3-0 P11 | GPCR Ta | rg Trypsin | 90% FBS | - None | Calciu | m CHO | pACS2 | |
| 9 | In-House | Bad Batch | 2013-03-1 | Admin | C | BP110001 | 2013-0 | 3-0 P11 | GPCR Ta | rg Trypsin | 90% FBS | - None | Calciu | m CHO | pACS2 | |
| 10 | In-House | Bad Batch | 2013-03-1 | Admin | C | BP110001 | 8 2013-0 | 3-0 P11 | GPCR Ta | rg Trypsin | 90% FBS | + None | Calciu | m CHO | pACS2 | |
| 11 | In-House | Bad Batch | 2013-03-1 | Admin | C | BP110001 | 8 2013-0 | 3-0 P11 | GPCR Ta | rg Trypsin | 90% FBS | None | Calciu | m CHO | pACS2 | - |
| v | /iew History | 2 Sample / | Activity 🖷 |) Docume | nts | | | | | | | | | Vie | ew 1 - 12 d | of 12 |
| в | atch Shippin | g Activity | | | | | | | | | | | | | | 0 |
| | Location | Rem | noved from | R | Cı | Barcode | Ship D | escription 9 | Shipping Dat | Shipping | Comr | ment | Technician | Date | Shippe | d |
| | All | | | | | | | | | | | | All 💌 | J | | |
| | Rockville | Box1->Ra | ck2->Liqui | d Nitro H | 12 B | P11000235B | 0 | 2 | 2013-03-10 | Shipping | Shippe | d to Be | Admin | 2013-03-10 | 1 No | |
| 2 | Rockville | Box1->Ra | ck2->Liqui | d Nitro H | 11 B | P11000234B | 0 | 2 | 2013-03-10 | Shipping | Shippe | d to Be | Admin | 2013-03-10 | 1 No | |
| 3 | Rockville | Box1->Ra | ck2->Liqui | d Nitro H | 10 B | P11000233B | 0 | 2 | 2013-03-10 | Shipping | Shippe | d to Be | Admin | 2013-03-10 | 1 No | |
| L | Rockville | Box1->Ra | ck2->Liqui | d Nitro H | 9 B | P11000232B | 0 | 2 | 2013-03-10 | Shipping | Shippe | d to Be | Admin | 2013-03-10 | 1 No | |
| | Pockville | Box1-5.05 | نيونا ج (ياو | d Nitro H | | P11000221P | 0 | | 012 02 10 | Chingin- | Shines | | Amin | 2013-03 10 | 1 No | |

Select the batch to view a list of all samples registered to any batch in the system. The program displays three grids of active and shipped vials, and a batch shipping activity grid.



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| Ca | alendar Ad | d Batch | Add Samples | Batches | Freeze | rs Kits | Search | Removal Logs | More | • • | Barcode o | r Terms |
|----|------------------|--------------|-------------|--------------|-----------|---------------|------------|---------------|---------|------------|-----------|---------|
| Тг | rack cell line l | ineage 869 | | | | | | | | | | |
| s | how/Hide co | olumns | | | | | | | | | | |
| s | elect Batch | | | | | | | | | | | |
| | Project | Catalog Numb | Batch | Parent Batch | QC Requir | Sample Type | Technician | Date | Documen | Total Vial | Remainin | Shipped |
| | | | | | All 💌 | All | All | | | | | |
| | Bombesin 2 (G | A694 | 1506 | 869 | No | Customer Cell | Admin | 2013-03-10 18 | 0 | 120 | 108 | 12 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

The Freezer Web Access system tracks the lineage of samples, particularly frozen cells. Type a batch in the Track cell line lineage field.





Select a batch, in the navigation bar and press the Tree button. The system opens lineage tree window with parent-child batch relationships.



| loca | alhost:8081/fw | a/batches?type= | 38menuPa | age=0 | | | | Q Search | | 5 | | | | *** | |
|---|---|--|--|---|---|---|--|--|--|---|--|--|---|---|--------|
| Sele | ect Batch | | | | | | | | | | | | | | 0 |
| | Project | Catalog Num | в | atch Pa | arent Batch | QC Requir | Sample Typ | e Technici | an Di | ate Doo | umen Tot | al Vial: I | Remainir | h Shipp | ed |
| | | | | | | All 💌 | All | All | - | | | | | | |
| Ki | ir2.1-CHO | CT4127 | 1177 | | | No | Customer Ce | II Admin | 2013-0 | 3-10 18 | 0 | 64 | 63 | 1 | |
| Bo | ombesin 2 (G | A694 | 1506 | 869 | 9 | No | Customer Ce | II Admin | 2013-0 | 3-10 18 | 0 | 120 | 108 | 12 | |
| Bo | ombesin 2 (G | G A694 | 869 | | | No | Customer Ce | II Admin | 2013-0 | 3-10 17 | 0 | 40 | 40 | 0 | |
| Ni | ic Manage | Documents | | | | | | | | | | | , | ¢ 100 |) |
| | | | | | | | | | | | | | Close | _ | |
| Viev | w 🖋 Edit Ba | atch @ Reset | √ials _≤ | Transfer | ■ Alerts 🚯 | Notification | s 🔲 Docum | ents 😅 Tree | e 🛯 Validat | ion Expo | ort 🖩 Bar | rcodes | | // | 4 of 4 |
| Viev Sele | w 🖋 Edit Ba | atch @ Reset | Vials 🛓 | 2 Transfer | N Alerts \tag | Notifications | s 🔳 Docum | ents 🗢 Tree | e 🛯 Validat | ion 🖷 Expo | ort 🖩 Bai | rcodes | | /// | 4 of 4 |
| Viev Sele | w 🖋 Edit Ba ect Vial | atch 🕜 Reset | Vials 🔬 C Doc | Transfer Barcode | ■ Alerts 🔹 | Notifications | s 🕒 Docum | ents 🗢 Tree | e 🔲 Validat Freezing Me | ion Expo | ort 🔠 Bar | rcodes lid Pare | ntal Ce | View 1 - | 4 of 4 |
| Viev Sele | w & Edit Ba ect Vial Location | Box R | Vials 🔬 C Doc | & Transfer | ≈ Alerts 🔹 | Notifications | Target Fam | ents ↔ Tree | e II Validat | ion Expo IC Validatio | ort 🔠 Bar | rcodes lid Pare | ntal Ce | View 1 - Vector | 4 of 4 |
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| Viev Sele | w Edit Ba lect Vial Location All Rockville Rockville | Box R Box R Box1->Rack A Box1->Rack A | Vials C Doc 1 0 2 0 | Barcode | Alerts Ø Freeze date 2013-03-07 2013-03-07 | Notifications Final Passa P11 P11 | Target Fam All T GPCR Targ GPCR Targ | Detachmen Trypsin Trypsin | e III Validat Freezing M€ 90% FBS + 90% FBS + | IC Validatic All Vone None | GPCR Va Calcium Calcium | lid Pare CHO CHO | ntal Ce | View 1 - Vector DACS2 DACS2 | 4 of 4 |
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| Viev Sele 1 2 3 | w Edit Ba ect Vial Location All Rockville Rockville Rockville Rockville | Box R Box1->Rac A Box1->Rac A Box1->Rac A Box1->Rac A Box1->Rac A | Vials 4 C Doc 1 0 2 0 3 0 4 0 | Barcode BP11000140 BP11000141 BP11000143 BP11000143 | Alerts ● Freeze date 2013-03-07 2013-03-07 2013-03-07 2013-03-07 2013-03-07 | Final Passa P11 P11 P11 P11 P11 | Target Fam All T GPCR Targ GPCR Targ GPCR Targ GPCR Targ GPCR Targ | Detachmen Trypsin Trypsin Trypsin Trypsin | Freezing Me 90% FBS + 90% FBS + 90% FBS + 90% FBS + 90% FBS + | IC Validatio All V None None None None | GPCR Va GPCR Va Calcium Calcium Calcium | lid Pare CHO CHO CHO CHO | ntal Ce F F F F F | View 1 - Vector DACS2 DACS2 DACS2 DACS2 | 4 of 4 |
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Freezer Web Access allows you to attach Word documents, Excel, PDF, images, and text files to the batches, shipments and samples. Select a batch, in the batches navigation bar press Documents button and upload a file for this batch.



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| atch Alerts a | nd Notifications | | | | | | | | | | | | × |
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Automatic alerts allow you to manage stock supplies, contain all information necessary to locate the batch with the number of vials less than preset threshold. Select a batch, in the batches navigation bar press Alerts button.



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| 1 2 | All Rockville Rockville | Box3->Rack B Box3->Rack B | 3 0 B 4 0 B | P1100010(20) | 13-03-05 13-03-05 | P9 P9 | All GPCR Targe GPCR Targe | Trypsin Trypsin | 90% FBS + | All None None | • | Calcium Calcium | CI | но | pAC pAC | :S2 :S2 | | • |
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In Select Vials grid select a sample, in the navigation bar press Show Box button. The system opens Container Layout window, select a vial to navigate to the freezer.





You are redirected to the Freezers tab. In Select Container section open a room, navigate freezers, open a rack and a box.



| Freezer Web Access × | + | | | | |
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| Rockville | nk 1, -125 C nk 2, -125 C nk 3, -125 C | | | | |
| Update Positions Add Rename Box Change Press Control key (Ctrl) and | new Vials 🛛 Add new Via Box Layout 🌟 Box Book d click a locations with th | als to Batch 🛛 Add Vials to I marks 🍳 Box Notifications ne mouse. Select multiple v | Batch 🕞 Remove Vials A Transfer Ownership ials by dragging a plate | 🖄 Box Layout 🏾 🔔 Exp 🗊 Change Vial Image with the mouse over the | port CSV he locations. |
| List View | | | | | |
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| Box list view, Copy and Pas | te vials | | | | |
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In Select Container section, navigate freezers using container layout. Filled spaces have dark blue color and empty spaces have light blue color, select filled space.



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| C | | B 6 Customer Cell Line | | | | | | | | - | | |
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| D | | Project Catalog Number Added Technician | Bombesi A694 2013-03 Admin | n 2 (GRPR) 3-10 17:57 | | | | | | | | |
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| F | 61 | Target Family Detachment Solutic Freezing Media IC Validation | GPCR Ta on Trypsin 90% FB None | rget Family S + 10% DI | MSO | | | | | | | |
| | 73 | GPCR Validation Parental Cell Line Vector Documents (0) | Calcium CHO pACS2 | | | | | | | | | |
| G | | | | | | | | | | | | |

In the Container Layout section select a vial with the mouse click.

The system opens Sample Information window. You can select another vial, Sample Information window is updated. Move or resize Sample Information window to let you view different vials as you select vials with the mouse.



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Close the Sample Information window. Move a mouse over a vial. The system opens a popup window.



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To switch Container Layout to the information view press Display vial information in the well link.



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To switch Container Layout back, to the image view press Display image in the well link.



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| 1 | Kir2.1-CHO | Sample Information | | | | × | | 63 1 | |
| 2 | Bombesin 2 (| Location | Rockville | | | | 0 | 108 1 | 2 |
| 3 | Bombesin 2 (| Вох | Box1->Rack2->Li | quid Nitrogen Tank 1, -125 | C->Rockville | |) | 40 0 | |
| 4 | Nicotinic a3/b | Row | А | | | | 0 | 0 10 | 0 |
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| | | Barcode | BP11000141BX1 | | | | | | |
| | | Freeze date | 2013-03-07 | | | | | | |
| | | Final Passage number | P11 | | | | | | |
| | | Target Family | GPCR Target Fam | ily | | | | | |
| | | Detachment Solution | Trypsin | | | | | | |
| | | Freezing Media | 90% FBS + 10% [| DMSO | | | | | |
| ъv | iew 🥒 Edit E | CDCD Validation | Coleium | | | | des | View 1 | - 4 of 4 |
| | | Parental Cell Line | CHO | | | | | | |
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| 1 | Rockville | BOXI->RACKA I U BPIIUU | 01402013-03-07 P11 | GPCK Large Lrypsin | 90% FB5 + None | Calcium | СНО | pACS2 | _ |
| 2 | Rockville | Box1->Rack A 2 0 BP1100 | 01412013-03-07 P11 | GPCR Targe Trypsin | 90% FBS + None | Calcium | СНО | pACS2 | |
| 3 | Rockville | Box1->Rack A 3 0 BP1100 | 001422013-03-07 P11 | GPCR Targe Trypsin | 90% FBS + None | Calcium | СНО | pACS2 | |
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| 5 | Rockville | Box1->Rack A 5 0 BP1100 | 0144 2013-03-07 P11 | GPCR Targe Trypsin | 90% FBS + None | Calcium | СНО | pACS2 | |
| 6 | Rockville | Box1->Rack A 6 0 BP1100 | 01452013-03-07 P11 | GPCR Targe Trypsin | 90% FBS + None | Calcium | СНО | pACS2 | |
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| 8 | Rockville | Box1->Rack A 8 0 BP1100 | 01472013-03-07 P11 | GPCR Targe Trypsin | 90% FBS + None | Calcium | СНО | pACS2 | |
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| 10 | Rockville | Box1->Rack B 1 0 BP1100 | 01522013-03-07 P11 | GPCR Targe Trypsin | 90% FBS + None | Calcium | СНО | pACS2 | |
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| B V | iew Sample | /* Edit Sample 🛛 🖉 Sample Activ | vity 🔲 Show Box 🔚 Doo | uments | | | | View 1 - 108 | of 108 |

Open the Batches tab, select a batch. In Select Vials grid select a sample, in the navigation bar press View Sample button. The system opens Sample Information window. Press Left and Right buttons to navigate samples.



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| 3 | Bombesin 2 (G | Batch | | | 1506 | | | | | | | | | | | | |
| t I | Nicotinic a3/b4 | Project | | | Bombesi | n 2 (GR | (PR) | | | | | | | | | | |
| | | Catalog N | lumber | | A694 | | | | | | | | | | | | |
| | | Parent Ba | atch | | 869 | | | | | | | | | | | | |
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| | Locatior B | Freezing | Media | | 90% FB | S + 10% | 6 DMSC |) | | | | | | | | | |
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| 4 | Rockville Box | Vector | | | pACS2 | | | | | | | | | | | | |
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In Select Vials grid select a sample, in the navigation bar press Edit Sample button. The system opens Edit Sample window.



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| Freezer Web Access | Demo Site 🗸 | Dashboard | Requests & Q0 | C Cell Cu | ılture Configu | iration | Help | | | Sign Ou | it 🔺 |
| Calendar Add Batch | Add Samples B | atches Free | ezers Kits | Search | Removal Logs | More → | Ba | rcode or | Terms | ; | |
| Fill out search paramete | ers | | | | | | | | | | |
| Location All Project | Bat Catalog Numt Technici Comme ion (name) 2018-1 I (in millions) es s or vials that have vo | ch per an All r 2-15 plume less than Cancel | Numl | Date rang ber of sample Barcode rang ng Date rang | | | | | | | |

Open the Search tab. Freezer Web Access tracks the locations of all samples so that anyone in the lab can easily find a needed sample, even if the person that created the sample left the lab years ago.



| Freezer Web Access × | + | | | | | | |
|--|---|------------------------|----------------|------------------|------|------------|----------|
| O localhost:8080/fwa/reports?ty | pe=9&menuPage=0 | C | Q, Search | ☆ 自 | ▽ ♣ | â | ≈ ⓒ ≡ |
| Freezer Web Access | Demo Site 👻 Dashboa | ard Requests & Q | C Cell Culture | Configuration | Help | | Sign Out |
| Calendar Add Batch | Add Samples Batches | Freezers Kits | Search Remo | oval Logs More → | Bar | code or Te | erms |
| Fill out search paramete | rs | | | | | | |
| Location All Project Bom Any Field Bombesin 2 Shipping Sample Type Custom Company/Organizati Customer Contact (Freeze Date Number of Cells/Vial Passage Number Saved Search Querie Show expired vials Validation Platforms Show/Hide columns | Batch Catalog Number (GRPR) Technician All Comment er on name) 2018-12-15 (in millions) Catalog Number ass arr vials that have volume less catalog Quick Inventory Cancel | s than threshold value | Date range | | | | |

The user can narrow down a selection by adding search criteria from the text fields and pop-up menu. Batch, Project and Catalog Number fields provide autocomplete suggestions.



| reezer Web Access × + | | | |
|--|----------------------------------|---------------------|-----------------|
| localhost:8080/fwa/reports?type=98menuPage=0 | C Q Search | ☆ 🖻 💟 | + 🏦 🦗 🤆 |
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| Project Bom Catalog Number | | | |
| Any Field Technician All | Barcode range | | |
| Shipping Comment | Shipping Date range | | |
| Sample Type Customer Cell Lines | • | | |
| □ Freeze date 2018-12-15 | | | |
| Final Passage number | | | |
| Target Family CNG Target Family | | | |
| Detachment Solution | | | |
| Freezing Media | | | |
| ✓ IC Validation ✓ Barracuda C FLIPR C Mar | ual ONONE OPatchX OOPatch O | Ouattro | |
| □ GPCR Validation □ Binding □ Calcium □ cAM | P CNG None | | |
| □ Parental Cell Line □ 1321N1 □ CHO □ CHO-T(| Rex) 🗆 HEK 🗆 HEK-T(Rex) 🗖 RH7777 | 6 - C C C C C C C C | |
| Vector | | | |
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| | | | |
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| 🗑 Remove Search Query | | No | records to view |
| | | | |

The user can save similar searches under a specific name and easily reload these search parameters at a later time.



| Cale | ndar Add | Batch Add | Samples B | Batches Freez | zers Kits | Search Rei | moval L | ogs | More→ | 10 | 2 | |
|--------|----------------|---------------|----------------|-------------------|------------|------------------|---------|-----------|--------|----------|------------|--------|
| Sel | ect Removal/S | Shipment | | | | | | | | | 3 | × |
| | Description | Shipping Date | Shipping | Comment | Technician | Shipped | Docume | Total Via | Receiv | /e BP110 | 000102BX1 | |
| | | | | | All | | | | All | • | | _ |
| 1 | | 2013-09-20 | In-House | Thaw | Admin | 2013-09-20 10:04 | 0 | 1 | | | | |
| 2 | | 2013-03-10 | Snipping | Snipped to Bern | Admin | 2013-03-10 18:13 | 0 | 12 | Aamin | | 2013-03-10 | 18:14 |
| 3 | | 2013-03-10 | Shipping | Shinped to Munic | Admin | 2012-02-10 18:1 | 0 | 12 | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| B Viet | w Shipment 🛽 🗉 | Documents 🖷 🗄 | Export 🍵 Perma | anently Remove Sa | mples | | | | | | View 1 | - 4 of |

In Type Barcode field (top right corner of the screen) type a barcode or some term. The system searches all the fields of all the entries and returns the results. Select a sample from pop-up menu.



| | VED ACCESS | Demo Site 👻 | Dashboard | Requests & QC | Cell Cult | ure Configui | ration Help | | Sig |
|--------|------------------------|---------------|-------------|---------------|-----------|--------------|----------------|-------------|------------|
| Calen | dar Add Batch | Add Samples | Batches Fre | ezers Kits | Search | Removal Logs | More → | BP11000102 | BX1 |
| Sele | ct Removal/Shipment | | | | | | | | × |
| 1 | Description Shipping | Date Shipping | Comment | Technician | Shipped | Documer Tota | al Via Receive | BP11000102B | X1 |
| | | | | All | J | | All | <u> </u> | |
| 2 | Customer Cell Lines | 1 | | | | | | × | 0.18:14 |
| 3 | Batch | 869 | · | | | | | | 0 10.1 |
| 4 | Catalog Number | A694 | (GRPR) | | | | | | |
| | Added | 2013-03-1 | 0 17:57 | | | | | | |
| | Technician | Admin | | | | | | | |
| | Barcode Freeze date | BP1100010 | 02BX1 | | | | | | |
| | Final Passage nu | mber P9 | 5 | | | | | | |
| | Target Family | GPCR Targe | et Family | | | | | | |
| | Freezing Media | 90% FBS + | 10% DMSO | | | | | | |
| 🗅 View | s IC Validation | None | | | | | | | 1 - 4 of 4 |
| | Parental Cell Lin | e CHO | | | | | | | |
| | Vector | pACS2 | | | | | | | |
| | Documents (0) | | | | | | | | |
| | | | | | | | Show Bo | Close | |
| | | | | | | | | | <u>~</u> |

The system opens Sample Type view window with sample information. Press Show Box button to open Container Layout window, select a vial to navigate to the freezer.



| 0 | Freezer Web Access × + | |
|----|--|------|
| • |) 🛈 localhost:8080/fwa/subjects?request=3 C 🔍 🔍 Search 🔄 🖈 🎓 🤻 📀 | ≡ |
| FV | VA Requests & QC Demo Site - Dashboard Components Cell Culture Configuration Help Sign C | ut 🔺 |
| | Request Batch Request Vials Awaiting QC Validation Platforms Barcode or Terms | |
| | Fill out Batch Information | |
| | Project * Start typing, the program will autocomplete the field Catalog Number * • Batch * 1178 Batch * 1178 Parent Batch • QC Required • No • Private • Private • Image: No • Private • Fields marked with (*) are required | |
| | Shipping Information | |
| | Shipping Other Description Shipping Date 2018-12-15 Total Number of Vials * | |

The Freezer Web Access system allows to submit requests and to send email notifications to specific shipping personnel. The shipping personnel are dependent on the selected destinations. The system allows to initiate a batch by adding samples; create all expected samples for a Project without locations and export the barcodes for printing.



| Calendar Add Batch Add Samples Batches Freezers Kits Search Removal Logs More Barcode or Terms Track cell line lineage Show/Hide columns Type Batch Type Batch Search Add Samples Search Search Removal Logs More Searche or Terms Show/Hide columns Statch Parent Batch Parent Batch QC Requir Sample Type Technician Date Documen Total Vial Remainin Shipped I Kirz.1-CHO CT4127 1177 No Customer Cell Admin 2013-03-1018 0 64 63 1 2 Bombesin 2 (G A694 1506 869 No Customer Cell Admin 2013-03-1018 0 120 108 12 3 Bombesin 2 (G A694 869 No Customer Cell Admin 2013-03-1017 0 100 0 100 4 Nicotinic a3/b4 CT4021 1150 No Customer Cell Admin 2013-03-1017 0 100 0 100 4 Nicotinic a3/b4 | | | | Bonno ente | Baomboa | 14 160 | 440010 4 40 | oon ound | o ooninge | induoin | noip | | 1 0.9 |
|--|---|---------------------------------|--------------|-------------|--------------|-----------|---------------|------------|---------------|---------|------------|-----------|---------|
| Track cell line lineage Type Batch Show/Hide columns Select Batch Project Catalog Numb Batch Parent Batch QC Requir Sample Type Technician Date Documen Total Vial Remainin Shipped 1 Kir2.1-CHO C1127 1177 No Customer Cell Admin 2013-03-10 18 0 64 63 1 2 Bombesin 2 (G A694 1506 869 No Customer Cell Admin 2013-03-10 18 0 120 108 122 3 Bombesin 2 (G A694 1506 869 No Customer Cell Admin 2013-03-10 17 0 40 40 0 4 Nicotinic a3/b4 CT4021 1150 No Customer Cell Admin 2013-03-10 17 0 100 0 100 | С | alendar Ad | ld Batch | Add Samples | Batches | Freeze | rs Kits | Search | Removal Logs | More | • • | Barcode o | r Terms |
| Select Batch Project Catalog Numb Batch Parent Batch QC Requit Sample Type Technician Date Documen Total Vial Remainin Shipped 1 Kir2.1-CHO CT4127 1177 No Customer Cell Admin 2013-03-10 18 0 64 63 12 2 Bombesin 2 (G A594 1506 869 No Customer Cell Admin 2013-03-10 18 0 120 108 12 3 Bombesin 2 (G A594 869 No Customer Cell Admin 2013-03-10 17 0 40 0 4 Nicotinic a3/b4 CT4021 1150 No Customer Cell Admin 2013-03-10 17 0 100 0 100 4 Vicotinic a3/b4 CT4021 1150 No Customer Cell Admin 2013-03-10 17 0 100 0 100 | T | rack cell line l how/Hide co | ineage Type | e Batch | | | | | | | | | |
| Project Catalog Numb Batch Parent Batch QC Requit Sample Type Technician Date Documen Total Vial Remainin Shipped 1 Kir2.1-CHO CT4127 1177 Image: Shipped All All Image: Shipped Image: Shipped Smiple Type Smiple Type Technician Date Documen Total Vial Remainin Shipped Image: Shipped Ima | 9 | elect Batch | | | | | | | | | | | c |
| 1 All | | Project | Catalog Numb | Batch | Parent Batch | QC Requir | Sample Type | Technician | Date | Documen | Total Vial | Remainin | Shipped |
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| 2 Bombesin 2 (G A694 1506 869 No Customer Cell Admin 2013-03-10 18 0 120 108 12 3 Bombesin 2 (G A694 869 No Customer Cell Admin 2013-03-10 17 0 40 40 0 4 Nicotinic a3/b4 CT4021 1150 No Customer Cell Admin 2013-03-10 17 0 100 0 100 4 View + Add /* Edit Reset Vials Transfer M Alerts O Notifications Iso Documents 4* Tree Validation Iso Export Bacodes View 1 - 4 of 4 | 1 | Kir2.1-CHO | CT4127 | 1177 | | No | Customer Cell | Admin | 2013-03-10 18 | 0 | 64 | 63 | 1 |
| 3 Bombesin 2 (G A694 869 No Customer Cell Admin 2013-03-10 17 0 40 0 4 Nicotinic a3/b4 CT4021 1150 No Customer Cell Admin 2013-03-10 17 0 100 0 100 6 View + Add ✓ Edit ® Reset Vials © Transfer M Alerts © Notifications © Documents e* Tree © Validation © Export © Barcodes View 1 - 4 of 4 | 2 | Bombesin 2 (G | A694 | 1506 | 869 | No | Customer Cell | Admin | 2013-03-10 18 | 0 | 120 | 108 | 12 |
| 4 Nicotinic a3/b4 CT4021 1150 No Customer Cell Admin 2013-03-10 17 0 100 0 100 a View + Add p [*] Edit ® Reset Vials ≗ Transfer № Alerts ® Notifications © Documents p [*] Tree © Validation © Export ® Barcodes View 1 - 4 of 4 | 3 | Bombesin 2 (G | A694 | 869 | | No | Customer Cell | Admin | 2013-03-10 17 | 0 | 40 | 40 | 0 |
| 3 View + Add 🖋 Edit 🔞 Reset Vials 요 Transfer 🍽 Alerts 🐠 Notifications 📾 Documents 🎺 Tree 💷 Validation 📾 Export 📵 Barcodes View 1 - 4 of 4 | 1 | Nicotinic a3/b4 | CT4021 | 1150 | | No | Customer Cell | Admin | 2013-03-10 17 | 0 | 100 | 0 | 100 |
| | - | | | | | | | | | | | | |

Automatic notifications and alerts allow to deliver a message to a recipient. The system displays notifications and alerts at the top of the screen at a given time.





Calendar feature allows to view a list of notifications and alerts that have been added into the system and navigate batches and freezer boxes. Open the Calendar tab. Use calendar buttons to switch month, week or day view and previous or next button for moving the calendar back and forward one month, week or day.





Select Statistics tab, you may need to press More tab button to open more tabs. Administrators and managers can use this feature to create vials usage line charts for different sites.





With Freezer Web Access a user can record and manage collection kit information - volume to be used in the kit, vial volume and measurement units, threshold value, expiration date. Open the Kits tab. To add a new collection kit press Add Kit button in the navigation bar.



| local | nost:8081/fw | a/reports?type=98 | menuP | age=I | D | | | C C | Search | | 5 | r 🖻 🛡 | .↓ ♠ | 9 | ¥P. |
|--|--|---|---|---|---|---|---|---|--------------|--|---|--|--|--|----------|
| Cale | endar | Add Batch | Add | Sar | nples Ba | atches | Freezers | Kits Se | earch F | temoval Logs | м | ore 🕨 | Type Bar | ode or T | Ferm |
| Fill | l out sear | ch parameters | | | | | | | | | | | | | |
| L | ocation | All | • | | Bate | ch 🗌 | | 0 |)ate range | | ר ר | | 1 | | |
| | Project | | - | Ca | italog Numb | er | | Number | of samples | | ñ ř | | ĩ | | |
| | | | = | 00 | | | | - | , | | | | | | |
| А | ny Field | | | | recunicia | an Admin | | Barc | ode range | | | | | | |
| 5 | Shipping | Not Shipped | - | | Comme | nt | • | Shipping D | ate range) | | | | | | |
| S | ample Tv | | | 005 | | | • | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | saved se | earch Queries | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | Show | expired vials | or via | ls th | nat have vo | lume less tl | han thresho | ld value. | | | | | | | |
| | □ Show | expired vials | or via | ls th | nat have vo | lume less ti | han thresho | ld value. | | | | | | | |
| | Show Search | expired vials Export | or via | lls th Quic | nat have vo k Inventory | lume less ti Canc | han thresho | ld value. | | | | | | | |
| | Show Search | expired vials | or via | ıls th Quic | nat have vo k Inventory | lume less tl | han thresho el | ld value. | | | | | | | |
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| Sel | Search | expired vials Export Box Box3->Rack | R C B 3 | Doc | Barcode | Canc Project Bombesin 2 | el Catalog Nur A694 | ld value. Batch 869 | Parent Batcl | Sample Typ Customer C€ | Kits | Technician Admin | Date 2013-03-10 | Shippe | 0 |
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| Sel 1 2 3 | Search Search Location Rockville Rockville | expired vials Export Box3->Rack Box3->Rack Box3->Rack | R C B 3 B 4 B 5 | Doc 0 | Barcode BP11000100 BP11000101 BP11000102 | Project Bombesin 2 Bombesin 2 Bombesin 2 | Catalog Nur A694 A694 A694 | Batch 869 869 869 | Parent Batcl | Sample Typ Customer C¢ Customer C¢ Customer C¢ | Kits 0 0 | Technician Admin Admin Admin | Date 2013-03-10 2013-03-10 2013-03-10 | Shippe No No | ed A |
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Open the Search tab. Fill out search criteria, in the Shipping field select Not Shipped, and press Search button. Select a vial, and in the navigation bar press Update Vial information button. The system opens Collection Kit window.



| localhost:80 | 81/fwa/reports?type=9&n | enuPage=0 | | | G | Q, Search | | ☆ 自 ♥ | + | ^ | 9 * | e |
|----------------|-------------------------|-------------------|----------------|---------------|------|-----------|--------------|--------------|------|----------|----------|----|
| Calendar | Add Batch | Add Samples | Batches | Freezers | Kits | Search | Removal Logs | More > | Туре | Barcode | a or Tei | rm |
| Fill au | Customer Cell Lines | | | | | | | | | × | | |
| Fill OU | Batch | 869 | | | | | | | | | | - |
| Loci | Project | Bombesin | 2 (GRPR) | | | | | | | | | |
| LUCA | Catalog Number | A694 | | | | | | | | | | |
| Pro | Added | 2013-03- | 10 17:57 | | | | | | | | | |
| Any | Technician | Admin | | | | | | | | | | |
| Chin | Barcode | BP11000 | 104BX1 | | | | | | | | | |
| Sub | Freeze date | 2013-03- | 05 | | | | | | | | | |
| Samr | Final Passage nun | iber P9 | and Franklin | | | | | | | | | |
| | Detachment Solut | OD Trynsin | get Family | | | | | | | | | |
| Sav | Freezing Media | 90% FBS | + 10% DMS0 | | | | | | | | | |
| | IC Validation | None | 10,00,000 | | | | | | | | | |
| | GPCR Validation | Calcium | | | | | | | | | | |
| | Parental Cell Line | СНО | | | | | | | | | | |
| S | Vector | pACS2 | | | | | | | | | | |
| | Add to the Kit (A | dd new kits in tl | he Kits tab.) | | | | | | | | | |
| | | rotocol A | | | | | | | | | | • |
| Select | | | | | | | | | | | | • |
| L | | | | | | | | | | ; | nipped | |
| 1 Ro | | | | | | | | | | _ | No | |
| 2 Ro | | | | | | -1 | | | | | No | |
| 3 Ro | Volume to be use | l in the Kit | | | | <u> </u> | | | | | No | |
| 4 Ro | volume to be use | | | | | | | | | | No | |
| 5 Ro | | | | | | | | | | | No | |
| 6 Ro | Vial Information | | | | | | | | | | No | |
| 7 Ro | | Volume | | Units | | | | | | | No | |
| 8 Ro | - | | | | | | | | | ŀ | No | |
| 9 Ro | 1 | nreshold | Exp | piration date | | | | | | ŀ | No | |
| 10 Ro | | | | | | | | | | | No | |
| | | | | | | | | Save Changes | Clos | se | | |

Select a kit, fill out Volume to be used in the Kit field, fill out Vial Information section: Volume, Units, Threshold and Expiration date fields. Press Save Changes button. To edit vial information open Collection Kit window again. A user can add vials to a kit from Search, Batches and Freezers tabs.



| C Freezer Web Access × | + | | | | | | | |
|---|--|-------------|---|--|-------------|------------|----------|----------|
| O localhost:8080/fwa/reports?type=9 | 8menuPage=0 | | C Q Search | | ☆ 🖻 🛡 | ↓ ⋒ | ren (| ≡ ⊙ |
| Freezer Web Access | Demo Site 👻 Dashb | oard Reques | ts & QC Cell Cu | lture Configur | ration Help | | | Sign Out |
| Calendar Add Batch | Add Samples Batches | Freezers | Kits Search | Removal Logs | More > | Barcode | or Terms | |
| Fill out search parameters | | | | | | | | |
| Location All Project Any Field Sample Type All Sample Saved Search Queries ✓ Show expired vials on Validation Platforms Show/Hide columns Search Export | Batch Catalog Number Catalog Number Technician Comment Types r vials that have volume I Quick Inventory Catalog 2010-2018 ATGC Labs, L Freezer | acel | Date ran Number of samp Barcode ran Shipping Date ran Id value. | ge ge ge ge ge t Us aximize laboratory uild 348 | efficiency. | | | |

Open the Search tab. To show expired vials or vials that have volume less than threshold value check Show expired vials check box and press the Search button. The system filters expired vials and vials that have volume less than threshold value.



| localhost:8080/fwa | /kits?type=148menuPa | ge=0 | G | C Search | \$2 ■ | | * C |
|--|-------------------------|---------------------------|----------------------|-------------------|------------------|-------------------|--------------|
| zer Web Acce | e ss Der | mo Site 👻 Dashboard | Requests & QC | Cell Culture | Configuration | Неір | Sign |
| Calendar Add | Batch Add S | amples Batches | Freezers Kits | Search Removal | Logs More | Barcode or | Terms |
| Select Kit | | | | | | | C |
| Na | me 🗢 | Description | Vials Private | Less thar Expired | Added | Date | Active |
| Experiment | Take Collectio | n Kit | | | × | 2018-12-15 17:13 | Yes |
| | Use in the M Volume | Kit 10 100 | Take K | it Export Kit C | ose | | |
| Add Kit 🥒 Edit Kit | 🗅 View Kit 🍵 Sup | opress Kit Ø Show History | 章 Permanently Remove | Kit 🗗 Export Kit | | Vie | w 1 - 1 of 1 |
| Fake Collection Ki Select Vial. Add v | t ials in the Search | tab. | | | | | C |
| Project Catal | og Ni Batch Pa | arent Bat Sample Ty Docum | ent Barcode Private | Volume to Volume | Unit of me Three | hold Expiration S | hipped |
| Bombesin (A694 | 869 | Customer (0 | BP1100010 No | 10 10 | 0 | 20 No | |
| | | | | | | | |

Open the Kits tab, select a collection kit and press Take Collection Kit button at the bottom of the screen. The system opens Take Collection Kit window with vial information and volume to be used in the kit. Press Take Kit button. The System checks the available volume and expiration date, and reduces the vial volume.





Select the Dashboard link at the top of the screen. FWA Dashboard displays inventory turnover and sample value metrics. Select a box or a plate and select a vial with the mouse click. The system opens Sample information, Sample shipping activity and Sample modification history tables.



| FWA Dashboard | × + | | | | | | | | | | | |
|---|-----------------|---------------------------------------|----------------|------------------------------|---|---|-------------------|----------|-------|-----------|------|-----|
| (localhost:8080/fwa/navAna | lytics?nav=18# | | | | C | Q Search | | ☆ 🗈 | ♥ ♣ | â | e 📀 | ≡ |
| FWA Dashboard 🛱 | Demo Site 👻 | Componen | ts | Reques | ts & QC | Cell Culture | Configuration | n Help | | | Sign | Out |
| campio 1) po | | | | | | | | | Barco | de or Ten | ns | |
| Freeze date Final Passage nur Target Family Detachment Solut Freezing Media IC Validation GPCR Validation Parental Cell Line Vector | nber | | | | | | | | | | | |
| Pivot Table Cance | 61 | | | | | | | | | | | |
| count | Final Passage n | umber 🔹 | | | | | | | | | | |
| Freeze date * | Final Pa | ssage number | P9 P11 | Totals | | | | | | | | |
| | 2013-03-05 | | 40 | 40 | | | | | | | | |
| | 2013-03-07 | | 108 | 108 | | | | | | | | |
| | © 2010-2018 A | Conditi IGC Labs, LLC Freezer W | ons of Adva | Use P nced so cess Thr | rivacy Poli ftware solu ee User e | cy Contact Us utions to maximiz valuation build 3 | ze laboratory eff | iciency. | | | | |

Open Data summarization. The Data summarization function is to turn a data set into a summary table with a drag and drop UI to allow a user to manipulate this summary table, turning it into a pivot table.



| 🗘 FWA Dashboard 🛛 🗙 | C Freezer Web Access User Guide × + | | | | | | | | | | |
|-------------------------------|--|---|--|--|-----------------------------------|----|---|---|---|---|---|
| (localhost:8080/fwa/guidance | | C C | Q Search | | ☆自 | | ÷ | ⋒ | ÷ | © | ≡ |
| | 3.5 Export Samples 3.6 Import Samples 3.7 Update Sample Positions 3.8 Change Vial Image 4. Batches 4.1 View Batches 4.2 Edit Batch Information 4.3 Reset Batch Vials Informatio 4.4 Cell lineage tracking 4.5 Documents 4.6 Cell lineage tree 4.7 Batch Custom Columns 4.8 Batch Alerts 4.9 Batch Notifications 5. Shipments and Removals 5.2 Removed vials report 5.3 Documents 6.1 Transfer the ownership 6.1 Transfer the Ownership 6.3 Transfer the Ownership | on tch all Vials with | in the site | | | | | | | | • |
| 1. | Using the Freezer Web Access | System | | | | | | | | | |
| | • 1.1 Logging In | | | | | | | | | | |
| | To access the system you must first directed to the welcome screen after | login using logging in. | your user name and | password. | . You will t | be | | | | | |
| | The Freezer Web Access system has A user with Administrator or Manager user with Technician access rights w | two sets of access righ orks with M | f menus: Manageme its can switch to Co anagement menu on | nt and Cor onfiguration nly. | nfiguration n menu. A | | | | | | |
| | Freezer Web Access has multiple inde | ependent da | ita sets, sites. | | | | | | | | |
| | After an administrator assigns the us sites. To switch between sites, press opens Change Site window. Select a | er to severa the site na site and the | al sites, the user car ame link in the top le e system will switch | n switch be eft corner. to the sel | etween The syste ected site | em | | | | | |
| | An administrator can restrict access access but top level access too. | to the top l | evels of a site, conf | figure not o | only the si | te | | | | | |
| | • 1.2 View a List of Batches and San | nples | | | | | | | | | |

For more information please read Freezer Web Access User Guide (Help link, upper right corner).

