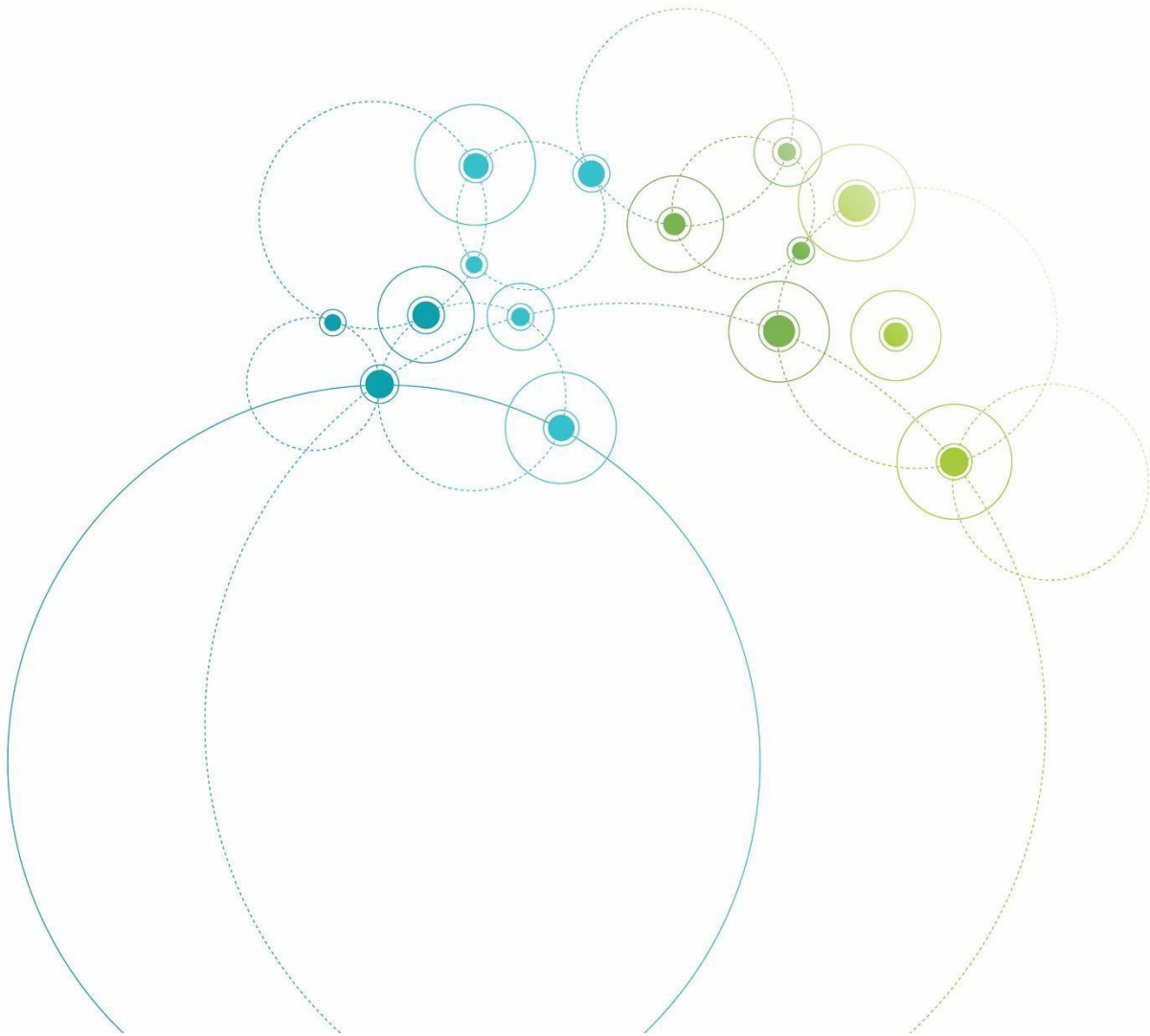




Virena<sup>®</sup>

QUIDEL<sup>®</sup>



myvirena.com  
User Manual / Training Guide

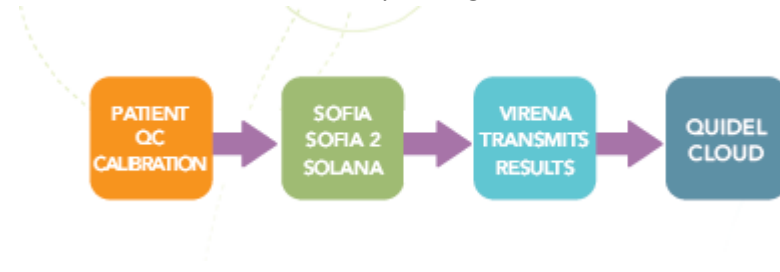
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## Introduction

Virena is a wireless cloud-based system that allows you to manage patient de-identified data, in near real-time, for improved operational efficiencies. Virena is simple, secure, HIPAA compliant, and available with Quidel automated testing platforms. Virena connects Sofia, Sofia 2 and/or Solana instruments to the Quidel cloud (myvirena.com) via a secure, cellular 4G LTE network. As tests are run throughout the day, Virena transmits de-identified data, in near real-time, to the Quidel cloud (myvirena.com) where it is stored, processed and made available to your organization.



## Registering as a New User

Using one of the following internet browsers:

- Internet Explorer version 11 or above
- Chrome latest Version on Windows 10.

Enter the URL <https://www.myvirena.com> in the address bar and press enter.

On the resulting log-in page, click “Sign up now”

Quidel Virena

**Connected Visibility**

Providing better healthcare through improved information, stronger operational efficiencies, and enhanced community awareness.

[Animated Flu map powered by myvirena.com](#)  
[MyVirena User Manual](#)

Username

[Forgot your password?](#)

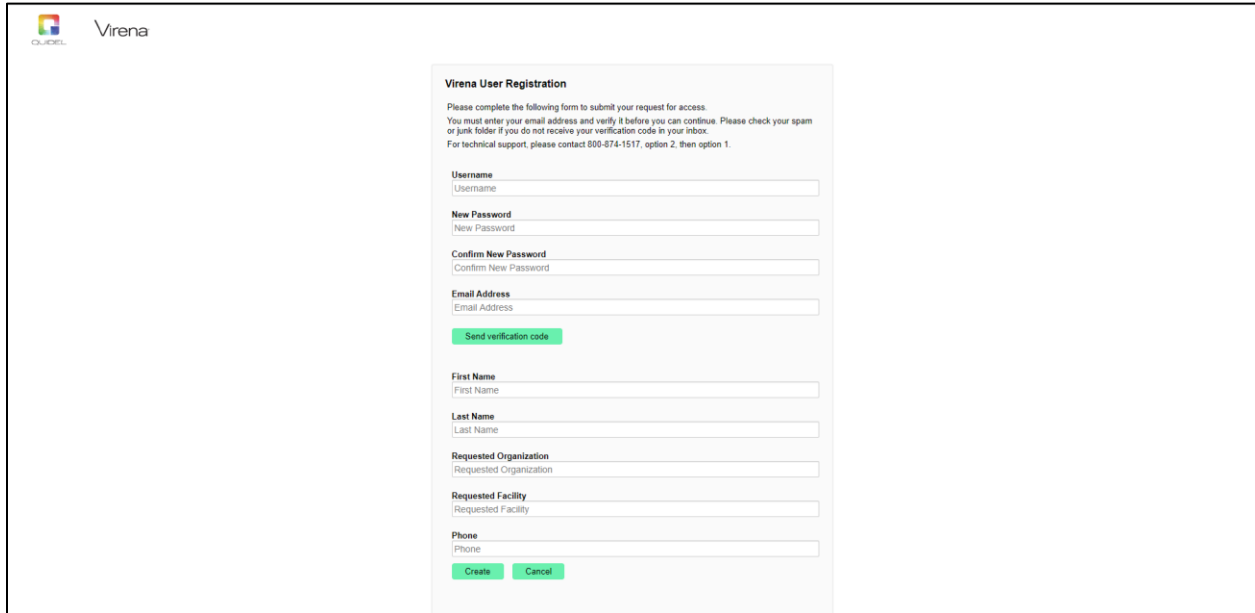
Password

OR

[Don't have an account?@qn.us.com](#)

For technical support, please contact 800-874-1517

This will take you to the user registration page.



The screenshot shows the Virena User Registration page. At the top left, there is a logo for 'Virena' with a colorful 'V' icon. The main content area is a registration form titled 'Virena User Registration'. Below the title, there is a paragraph of instructions: 'Please complete the following form to submit your request for access. You must enter your email address and verify it before you can continue. Please check your spam or junk folder if you do not receive your verification code in your inbox. For technical support, please contact 800-874-1517, option 2, then option 1.' The form contains several input fields: 'Username' (with a sub-label 'Username'), 'New Password' (with a sub-label 'New Password'), 'Confirm New Password' (with a sub-label 'Confirm New Password'), 'Email Address' (with a sub-label 'Email Address'), 'First Name' (with a sub-label 'First Name'), 'Last Name' (with a sub-label 'Last Name'), 'Requested Organization' (with a sub-label 'Requested Organization'), 'Requested Facility' (with a sub-label 'Requested Facility'), and 'Phone' (with a sub-label 'Phone'). There is a green button labeled 'Send verification code' below the email field. At the bottom of the form, there are two green buttons: 'Create' and 'Cancel'.

On this page, enter your personal information including the username and password you would like to use to access the website.

- Username
- Password
- Email Address
- First Name
- Last name
- Requested Organization (The organization is the parent company and the facilities are the satellite offices where the instruments are located).
- Requested Facility (location you are at)
- Phone

For security purposes, we need to verify your e-mail address. A verification code will be sent to the entered e-mail address. In case you do not receive the e-mail immediately, please check your spam folder. The e-mail with the verification code is sent from “Microsoft on behalf of myVirena Prod [msonlineservicesteam@microsoftonline.com](mailto:msonlineservicesteam@microsoftonline.com)”

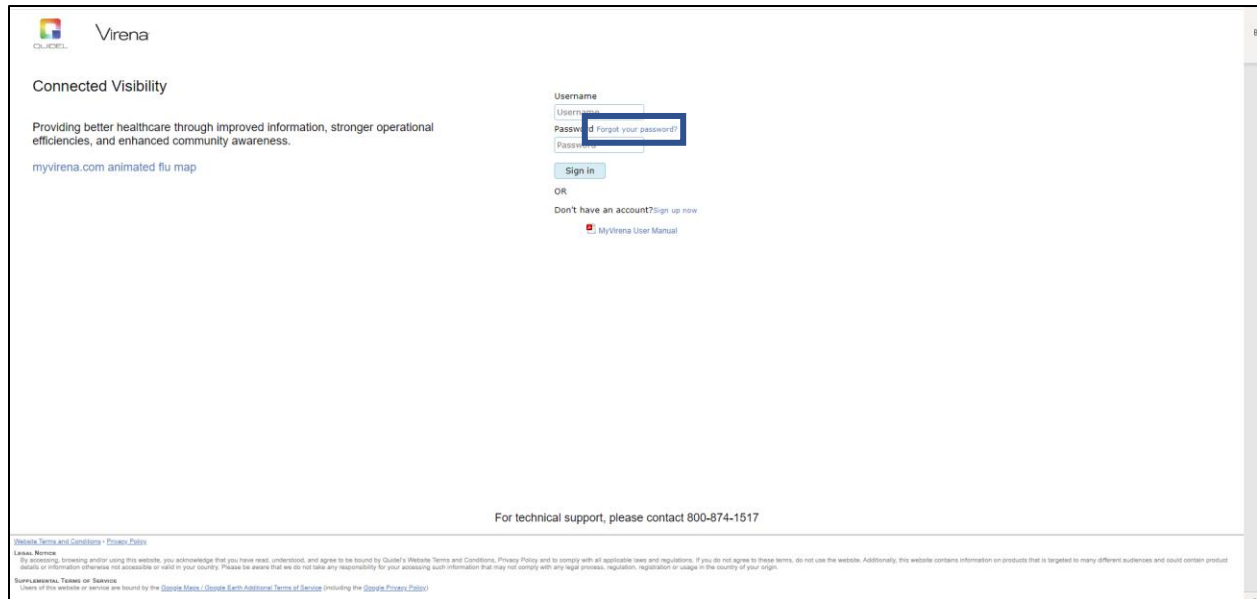
Once you submit the request, an administrator will verify this information and then formally assign you to the appropriate organization and facility within the system. Once your request has been approved, you will receive an e-mail within 2-3 business days containing a link to activate your account.

Activate your account by clicking on the link. You will now be able to log-in to the website using the username and password you entered above.

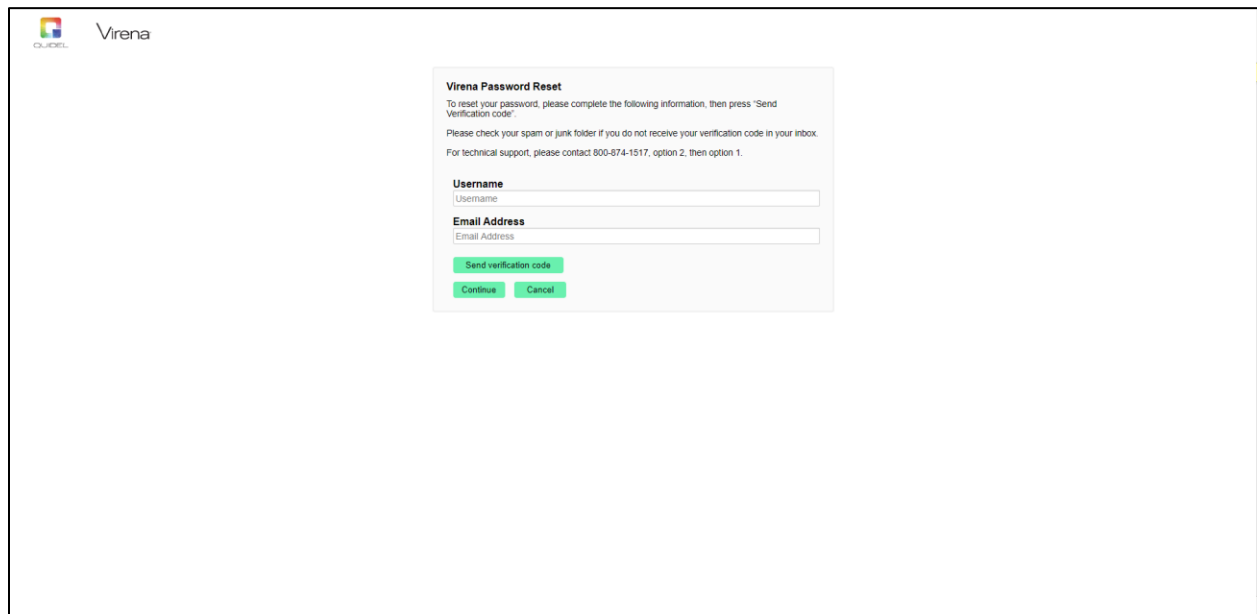
## Reset password/change e-mail address

If needed, your password and e-mail address can be changed. A valid user name and the associated e-mail address are required. If you do not know your user name and/or e-mail address, please contact your Organizational Administrator or Quidel Technical Support.

To change your password please click on the “Forgot your password?” link on the log-in screen.



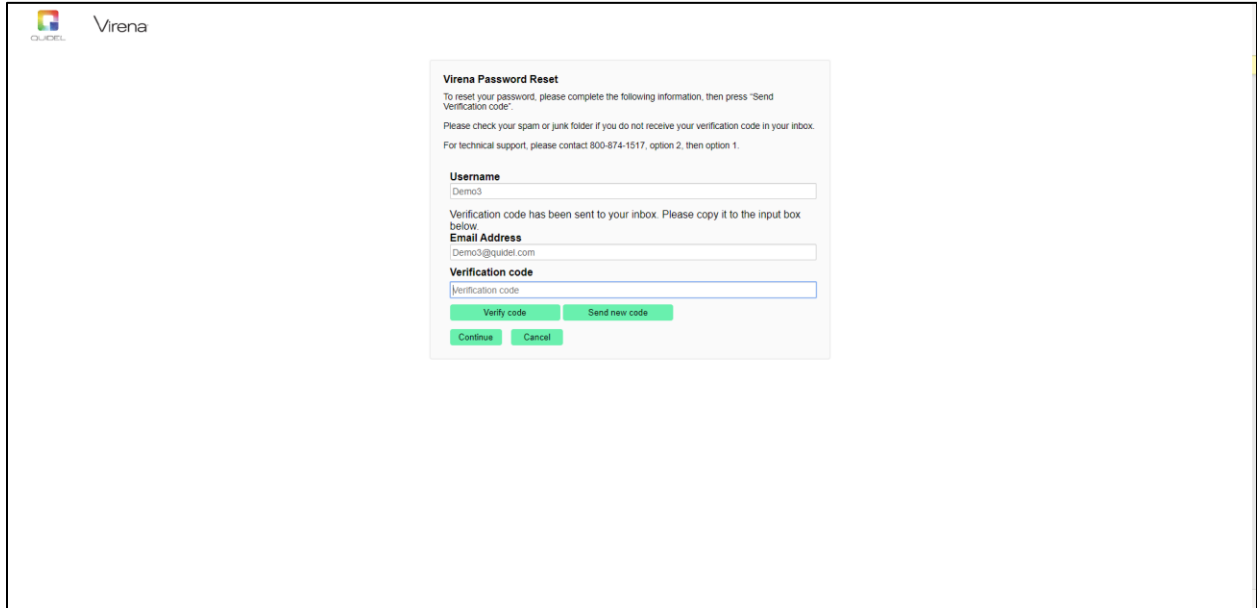
The screenshot shows the Virena login interface. At the top left is the QUIDEL logo and the Virena brand name. Below this is the text "Connected Visibility" and a mission statement: "Providing better healthcare through improved information, stronger operational efficiencies, and enhanced community awareness." A link for "myvirena.com animated flu map" is also present. The login form includes fields for "Username" and "Password". A blue box highlights the "Forgot your password?" link next to the password field. Below the password field is a "Sign In" button. An "OR" separator is followed by the text "Don't have an account? Sign up now" and a link to the "MyVirena User Manual". At the bottom of the page, there is a technical support contact number: "For technical support, please contact 800-874-1517".



The screenshot shows the "Virena Password Reset" form. The title is "Virena Password Reset". The instructions state: "To reset your password, please complete the following information, then press 'Send Verification code'." It also advises: "Please check your spam or junk folder if you do not receive your verification code in your inbox." and "For technical support, please contact 800-874-1517, option 2, then option 1." The form contains two input fields: "Username" and "Email Address". Below these fields are three buttons: "Send verification code" (highlighted in green), "Continue" (highlighted in green), and "Cancel" (highlighted in green).

Please enter your “username” and e-mail address, then click “Send verification code.” If the user name and the e-mail address do not match, an error message will be displayed. An e-mail with the verification code (valid for 5 minutes) will be sent to the entered e-mail address.

We use a verification code to confirm that the e-mail address is valid for additional security.

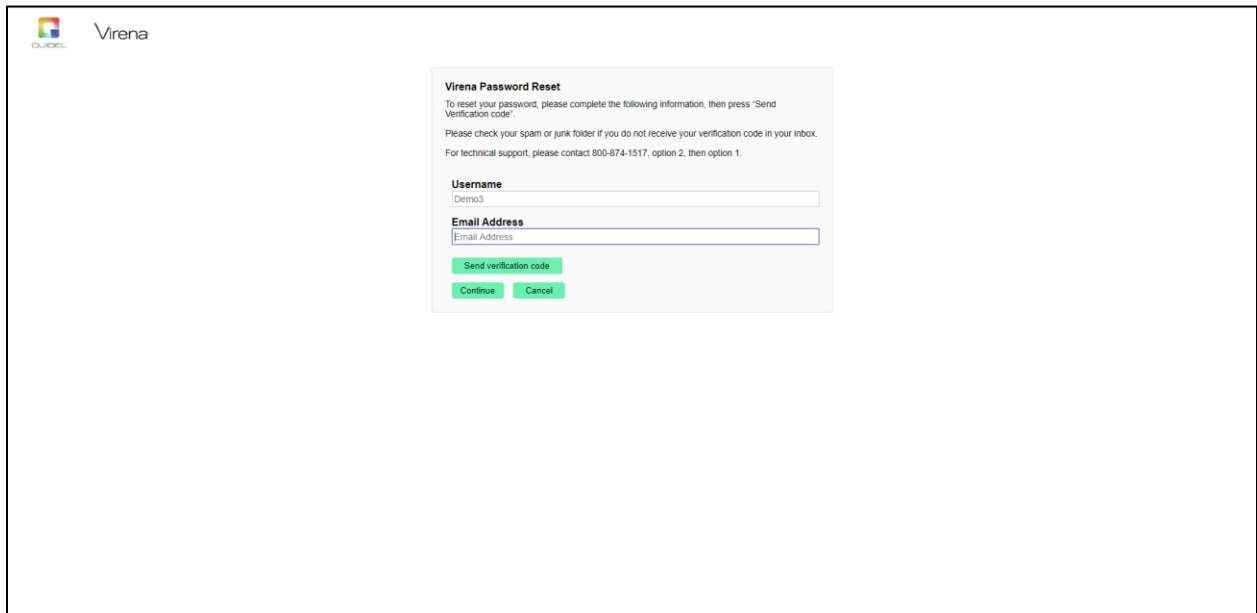


The screenshot shows a web browser window with the Virena logo in the top left. The main content is a form titled "Virena Password Reset". The form contains the following text and fields:

- Virena Password Reset**
- To reset your password, please complete the following information, then press "Send Verification code".
- Please check your spam or junk folder if you do not receive your verification code in your inbox.
- For technical support, please contact 800-874-1517, option 2, then option 1.
- Username**: Demo3
- Verification code has been sent to your inbox. Please copy it to the input box below.
- Email Address**: Demo3@quidel.com
- Verification code**: [input field]
- Buttons: "Verify code", "Send new code", "Continue", and "Cancel".

Enter the verification code.

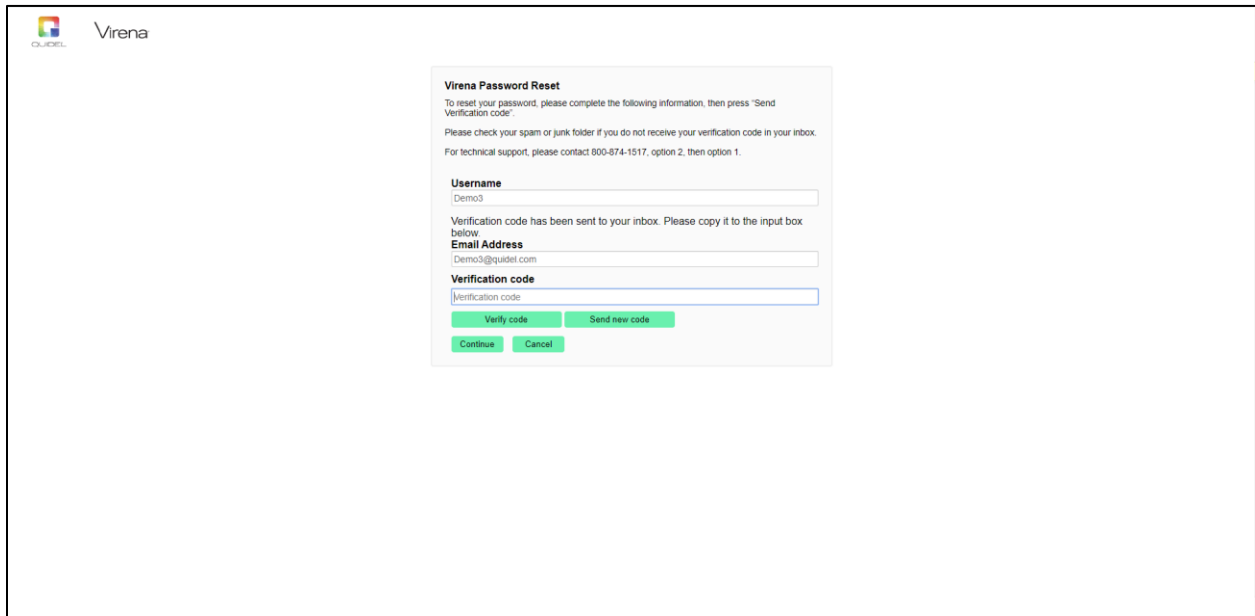
On the next screen click “Change e-mail” to change your e-mail address (this will trigger another verification code) or click “Continue”, to reset your password.



The screenshot shows a web browser window with the Virena logo in the top left. The main content is a form titled "Virena Password Reset". The form contains the following text and fields:

- Virena Password Reset**
- To reset your password, please complete the following information, then press "Send Verification code".
- Please check your spam or junk folder if you do not receive your verification code in your inbox.
- For technical support, please contact 800-874-1517, option 2, then option 1.
- Username**: Demo3
- Email Address**: [input field]
- Buttons: "Send verification code", "Continue", and "Cancel".

Enter and confirm new password and click “Continue.”



**Virena Password Reset**

To reset your password, please complete the following information, then press "Send Verification code".

Please check your spam or junk folder if you do not receive your verification code in your inbox.  
For technical support, please contact 800-874-1517, option 2, then option 1.

**Username**  
Demo3

Verification code has been sent to your inbox. Please copy it to the input box below.

**Email Address**  
Demo3@quidel.com

**Verification code**  
Verification code

Verify code    Send new code

Continue    Cancel

Once the new password has been confirmed, it can be used to log-in to myvirena.com.

## User Roles

When you are granted access to the website, the Quidel Administrator will assign you a role depending upon your organizational affiliation and intended use of the website. The list of participating facilities, user roles and associated contact names for each role are documented within the customer agreement. If you would like to add or delete users, the Organizational Administrator (identified on the contract) must contact Quidel Technical Support via an e-mail or phone call to [technicalsupport@quidel.com](mailto:technicalsupport@quidel.com) or 800.874.1517. When adding or deleting an authorized user, please provide the authorized user’s first name, last name, e-mail, phone number and facility name.

We have divided the roles into two categories: Healthcare Provider and Public Health.

### Healthcare Provider Roles

#### Organizational Administrator

Defined in the customer agreement, this is the key contact person for each healthcare organization.; This person determines the member facilities and authorized users for the customer organization. Any changes to the organization’s facilities or users must be made in writing or via e-mail to Quidel. Users in the Organizational Administrator’s role are able to see all the test results that originated from facilities owned by the organization to which the user belongs.



## Authorized User

Defined in the customer agreement, these users are authorized by the Organizational Administrator to access the data generated by the organization. Authorized users are only able to see the test results that originated from facilities owned by the organization to which the user belongs.

## Public Health Roles

De-identified results are automatically sent to myvirena.com which are then forwarded to registered Public Health agencies nightly. Public Health agencies also have the option to log-in to myvirena.com to gather public health data. Public Health roles are limited to viewing de-identified patient results and cannot view quality control, calibration or invalid results. Data from customers who “opt out” of data sharing are not provided or made available to public health agencies.

## Country

Users in the Country role are only able to see those results that originated from facilities within the user’s country.

## State

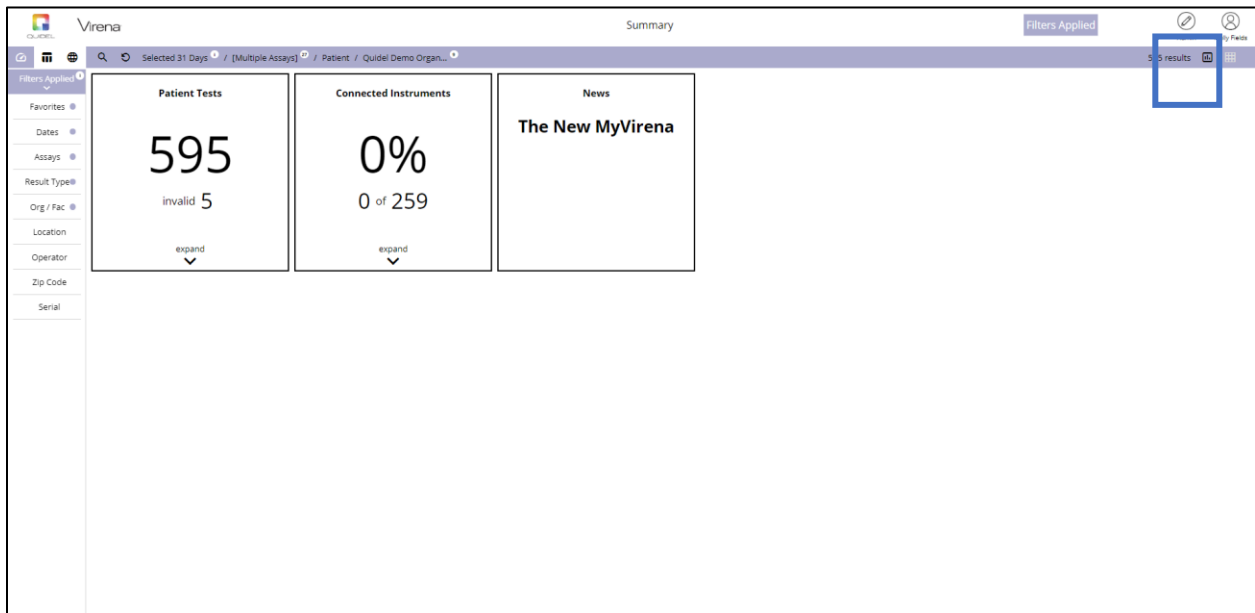
Only users located in the United States and its Territories can be in the State role. These users can only see results originated from facilities within the user’s state or territory. The users will not be able to see the names of other organizations contributing to the data.

## County

Only users located in the United States can be in the County role. These users are only able to see those results that originated from facilities within the user’s county.

## Managing My Organization

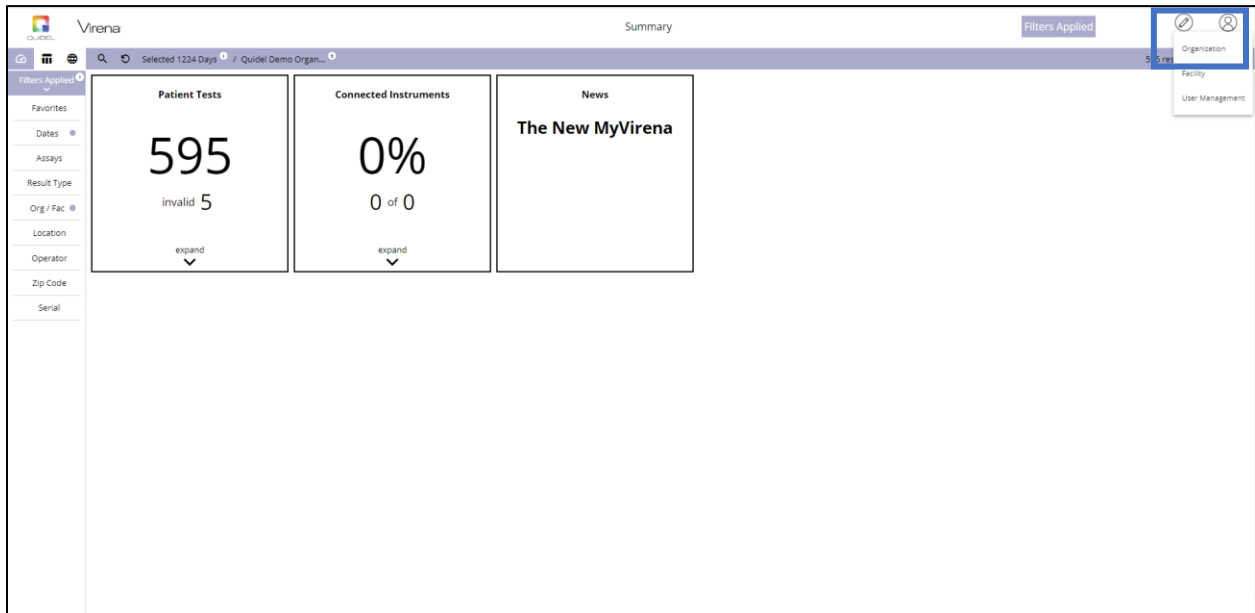
The Organizational Administrator can manage organizational information (e.g. address), facilities and users. The information is found in the *Admin Tab*.



The screenshot displays the MyVirena Summary dashboard. The top navigation bar includes the MyVirena logo, the word "Summary", and a "Filters Applied" button. Below the navigation bar, there are three main sections: "Patient Tests" showing 595 tests with 5 invalid, "Connected Instruments" showing 0% (0 of 259), and "News" with the headline "The New MyVirena". A blue box highlights the "595 results" link in the top right corner of the dashboard.

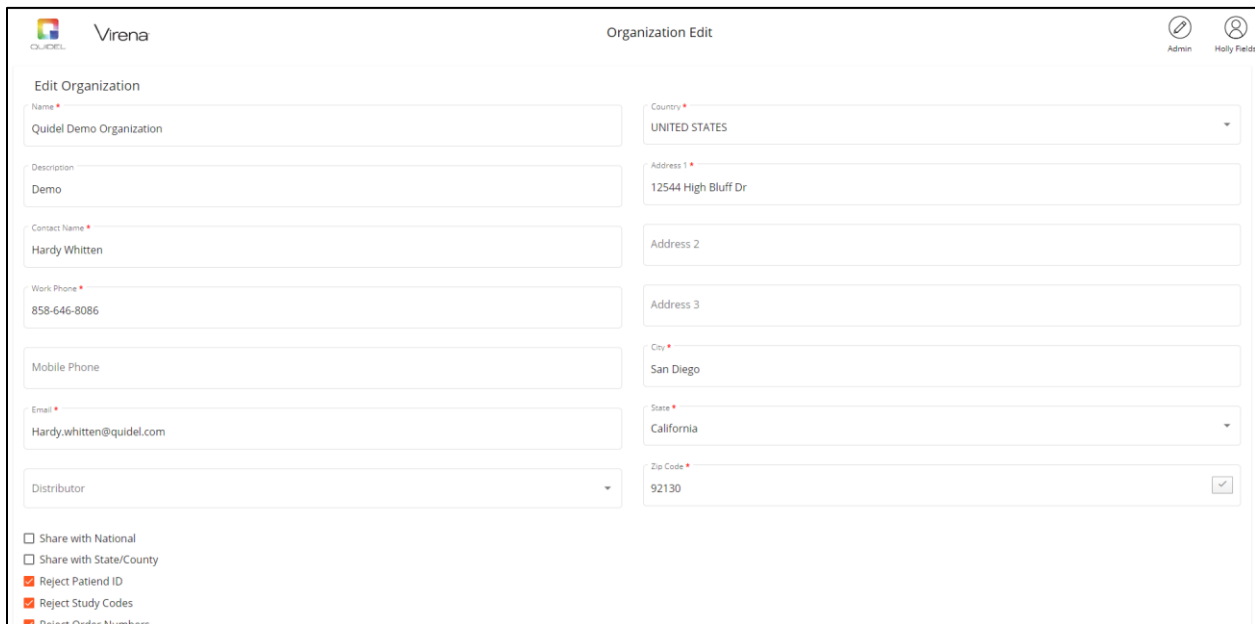
## Manage Organizations

By selecting “Organization” the list of all organizations that you have access to administer will be displayed.



The screenshot shows the Virena Summary dashboard. The top navigation bar includes the Virena logo, a search bar, and a 'Filters Applied' button. The main content area is divided into three panels: 'Patient Tests' showing 595 tests with 5 invalid, 'Connected Instruments' showing 0% with 0 of 0 instruments, and 'News' with the headline 'The New MyVirena'. On the left, there is a sidebar with filter options like Dates, Assays, and Location. On the right, a dropdown menu is open, showing options for Organization, Facility, and User Management.

By clicking on the facility name, you will be able to edit the facility information.



The screenshot shows the 'Organization Edit' form in Virena. The form is titled 'Edit Organization' and contains several input fields. The 'Name' field is filled with 'Quidel Demo Organization'. The 'Description' field is filled with 'Demo'. The 'Contact Name' field is filled with 'Hardy Whitten'. The 'Work Phone' field is filled with '858-646-8086'. The 'Mobile Phone' field is empty. The 'Email' field is filled with 'Hardy.whitten@quidel.com'. The 'Country' dropdown is set to 'UNITED STATES'. The 'Address 1' field is filled with '12544 High Bluff Dr'. The 'City' dropdown is set to 'San Diego'. The 'State' dropdown is set to 'California'. The 'Zip Code' field is filled with '92130'. At the bottom, there are checkboxes for sharing options: 'Share with National' (unchecked), 'Share with State/Country' (unchecked), 'Reject Patient ID' (checked), 'Reject Study Codes' (checked), and 'Reject Order Numbers' (checked).

The following information on the screen can be edited:

- Name of the facility
- Description of the Organization
- Contact Name
- Work Phone
- Mobile Phone
- E-mail
- Address

The other fields can only be updated by contacting Quidel Customer Service.

To ensure that correct address is entered, an address validation is provided by clicking on the *Verified* button next to the zip code. Once click it will turn green to show it is verified.

The screenshot shows the 'Organization Edit' form in the Virena system. The form is divided into two columns. The left column contains fields for Name (Quidel Demo Organization), Description (Demo), Contact Name (Hardy Whitten), Work Phone (858-646-8086), Mobile Phone, Email (Hardy.whitten@quidel.com), and a Distributor dropdown. The right column contains a Country dropdown (UNITED STATES), Address 1 (12544 High Bluff Dr), Address 2, Address 3, City (San Diego), State (California), and Zip Code (92130). A green checkmark icon, representing the 'Verified' button, is located to the right of the Zip Code field and is highlighted with a blue rectangular box. Below the form, there are four checkboxes: 'Share with National' (unchecked), 'Share with State/County' (unchecked), 'Reject Patient ID' (checked), and 'Reject Study Codes' (checked). The top right of the form shows 'Admin' and 'Holy Peak' user icons.

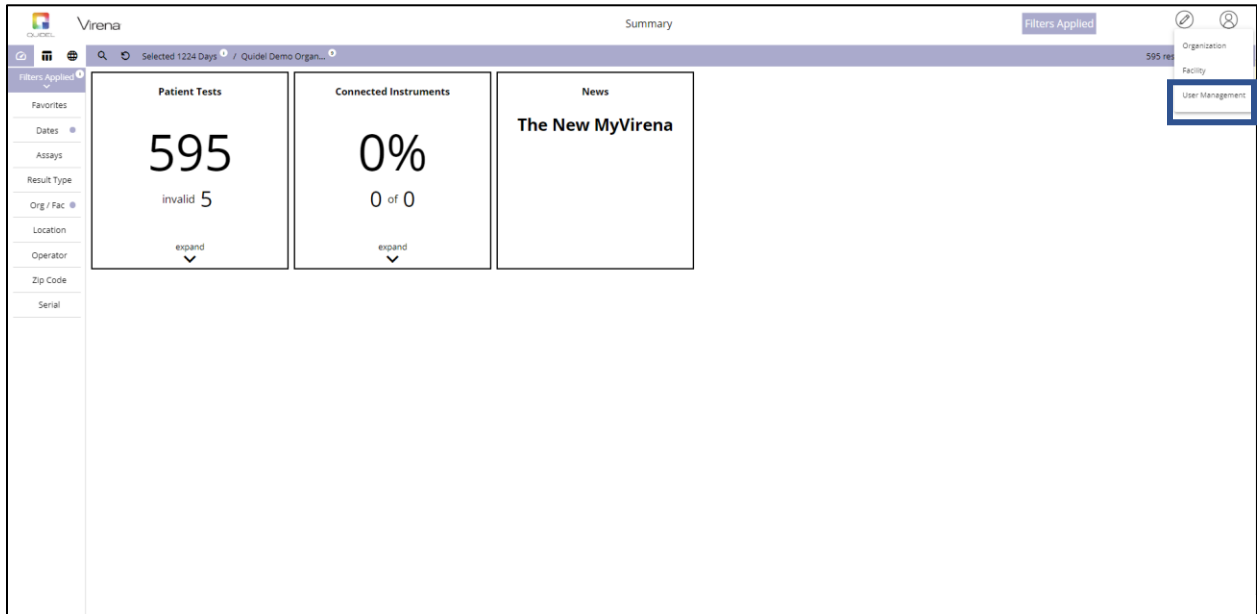
After updating and saving changes, a note will be shown indicating that all transmitted test results associated with this organization will be updated accordingly to ensure data consistency.

After the address is verified, the button color will change to green.

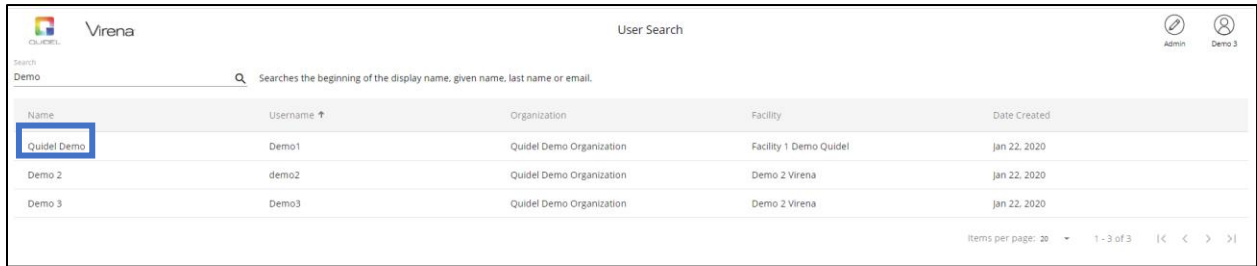
After updating and saving changes, a note will be shown indicating that all transmitted test results associated with this organization will be updated accordingly to ensure data consistency.

## Manage Users

If the organization has multiple users, the Organizational Administrator can manage and approve user accounts by clicking on "User Management"



To find user type in their name in the search bar.



By clicking on the “Name” the user detail will be displayed and can be edited.

The screenshot shows the 'Edit User Account' form in the Virena system. The form is titled 'Edit User Account' and is located under the 'User' section. The form contains the following fields:

- Username: Demo1
- First Name: Quidel
- Last Name: Demo
- Email: holly.fields@quidel.com
- Phone: (555) 555-5555
- Organization: Quidel Demo Organization
- Facility: Facility 1 Demo Quidel
- Role: Organization

At the bottom of the form, there is an 'Is Approved' checkbox, which is currently checked. Below this checkbox are three buttons: 'SAVE', 'CANCEL', and 'DELETE'.

The following fields can be updated:

- First Name
- Last Name
- Phone
- Facility
- Active status

## Accessing Test Result Data

Initial log in will take you to the home page. To access the test result data, simply click the icon



By selecting a filter and dragging it into the bar above the filters, you can select which filter type to use.

Run Date (UTC)	Facility Name	Result Type	Assay	Result	Serial Number	Operator	Patient Age
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	68261	52
2016-10-01	Facility 4 Demo Quidel	Patient	FluA+B	●	17488	59217	<1
2016-10-01	Facility 4 Demo Quidel	Patient	FluA+B	●	17488	59217	2
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	69215	37
2016-10-01	Facility 5 Demo Quidel	Patient	Strep A+	●	18028	57345	7
2016-10-01	Facility 4 Demo Quidel	Calibration	CB Cass	✓	17488	Supervisor	
2016-10-01	Facility 7 Demo Quidel	Patient	FluA+B	●	17286	36057	9
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	69215	20
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	68261	6
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	68261	11
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	69215	17
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	69215	13
2016-10-01	Facility 2 Demo Quidel	Patient	FluA+B	●	17479	68261	12
2016-10-01	Facility 7 Demo Quidel	Patient	FluA+B	●	17286	36057	13
2016-10-02	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	69215	37
2016-10-02	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	68261	11
2016-10-02	Facility 4 Demo Quidel	Patient	FluA+B	●	17488	59217	3
2016-10-02	Facility 7 Demo Quidel	Patient	FluA+B	●	17286	Supervisor	>85
2016-10-02	Facility 7 Demo Quidel	Patient	FluA+B	●	17286	36057	43
2016-10-02	Facility 5 Demo Quidel	Patient	Strep A+	●	18028	57345	14
2016-10-02	Facility 5 Demo Quidel	Patient	Strep A+	●	22674	57345	4

## Search Criteria Basics

Criteria available for searching are in the “Filter” section above the results. Any criteria in which you enter or select a value for will return matching results.

## Searching by Time-period

To search for results for a specific time period, choose “Dates” option *on the left column* and fill in the time-period information.

## Searching by Assay(s), Result Type(s) and Facilities

These criteria are special in that you can select more than one at a time. To select multiple criteria, simply Select the filter for the desired criteria and drag to the filter bar above the filter list. To unselect items, simply click the X.

## Additional Filters

Additional Filters can be chosen from the filter bar. Country, State, County, Organization Assay, Serial number, Operator and Patient age can be selected.

## Executing a Search

After entering your search criteria, you may initiate the search by clicking the *Search for Results* icon located on the top blue bar. This will retrieve all the results that match the criteria you entered and display them in the results grid, located below the search panel.



Search for Results icon

## Resetting the Search Criteria

To quickly clear your results and reset all search criteria, you may click the *Reset Search Filter* icon on the top blue bar.



Reset Search Filter icon

## Viewing Results

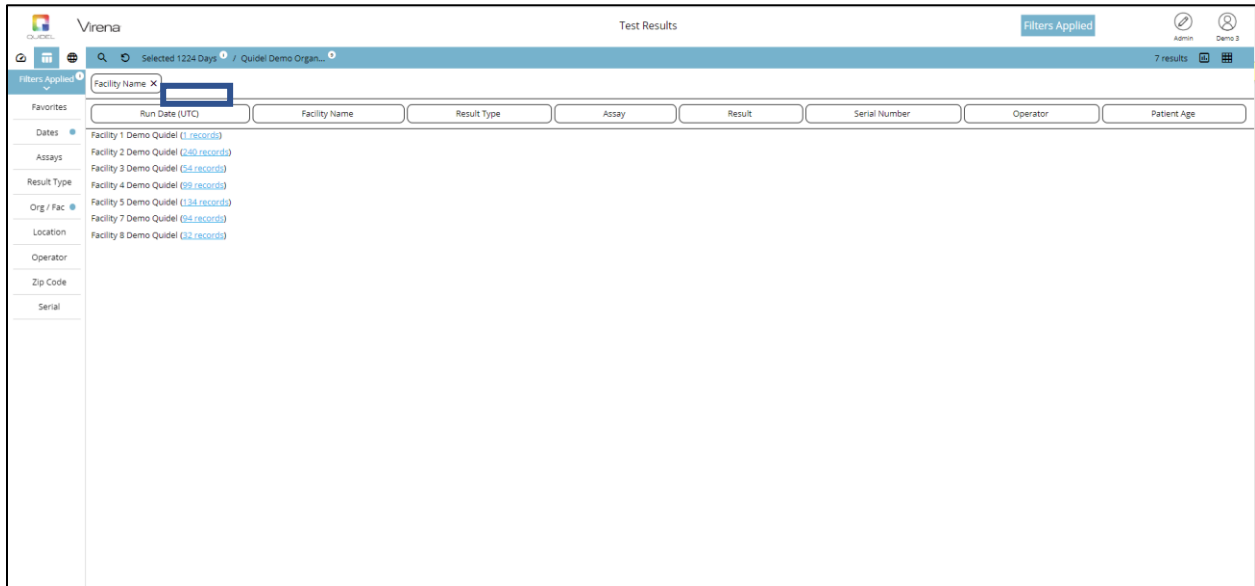
Once you have retrieved a set of results, you can view more detail by clicking on the results.

## Viewing Result Details

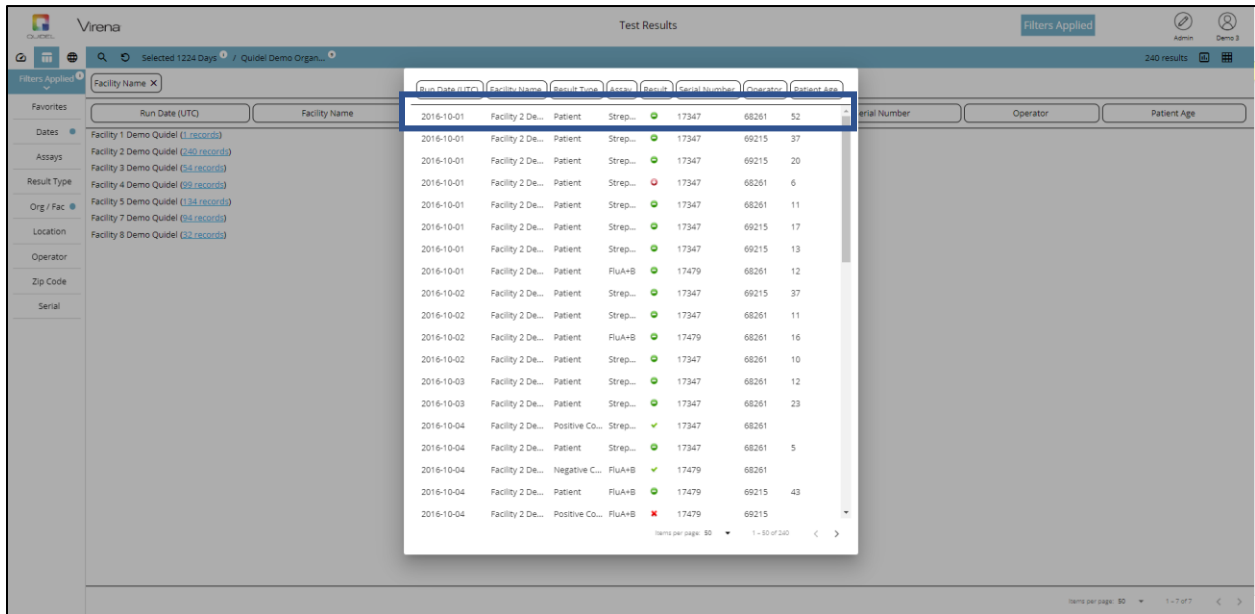
Clicking on any part of the selected result entry will reveal result details .

The screenshot displays the Virena Test Results interface. At the top, the 'Virena' logo and 'Test Results' title are visible. A search bar contains the text 'Facility Name X'. Below the search bar, there are several filter buttons: 'Facility Name', 'Result Type', 'Assay', 'Result', 'Serial Number', 'Operator', and 'Patient Age'. On the left side, there is a sidebar with filter categories: 'Dates', 'Assays', 'Result Type', 'Org / Fac', 'Location', 'Operator', 'Zip Code', and 'Serial'. The main content area shows a list of results for 'Facility Name X', including entries like 'Facility 1 Demo Quidel (1 records)', 'Facility 2 Demo Quidel (240 records)', 'Facility 3 Demo Quidel (45 records)', 'Facility 4 Demo Quidel (69 records)', 'Facility 5 Demo Quidel (134 records)', 'Facility 7 Demo Quidel (45 records)', and 'Facility 8 Demo Quidel (12 records)'. The top right corner shows 'Filters Applied' and '7 results'.

This will bring up a list of tests run.

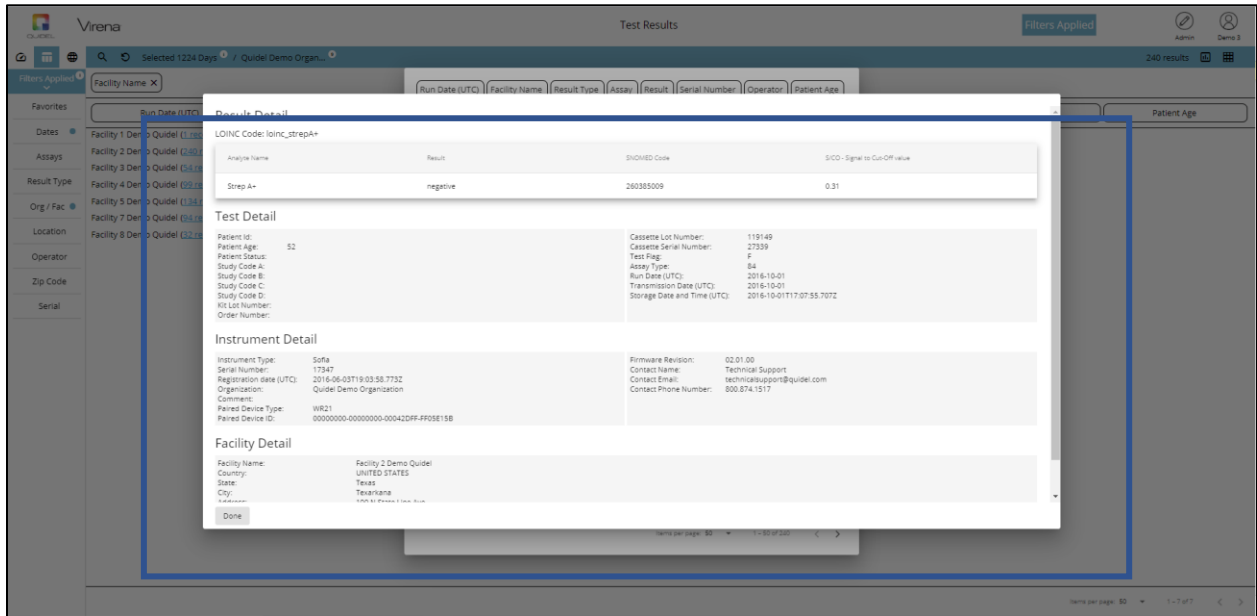


Clicking on the test results will bring up a list of the test run at that facility.



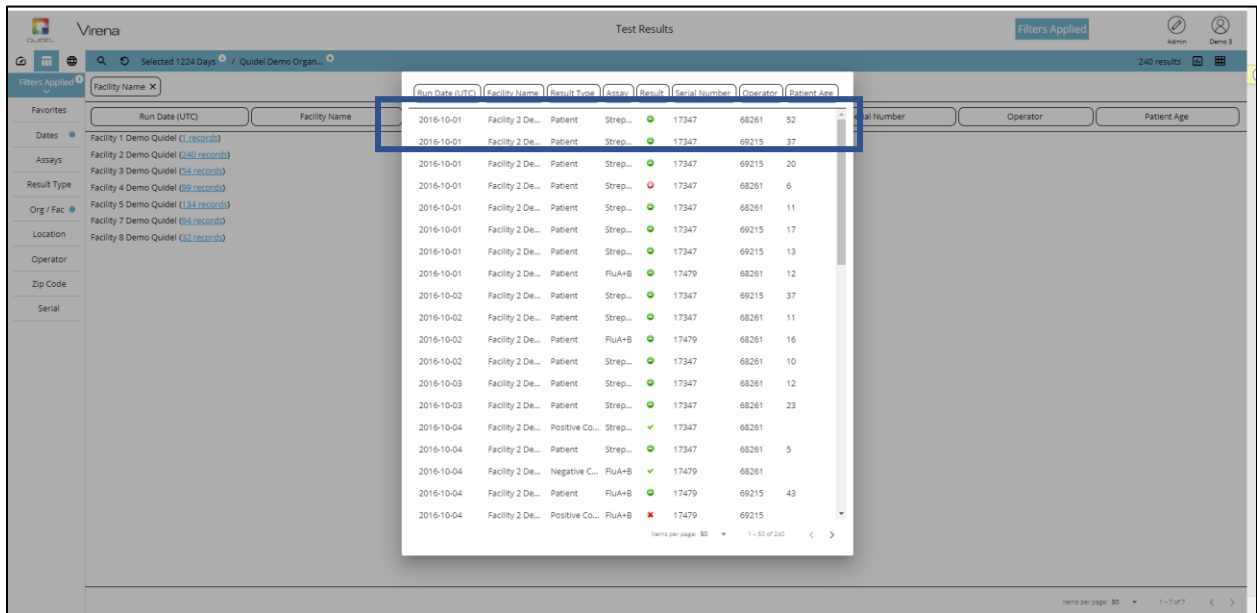


After clicking on the test, the result and additional information will appear.



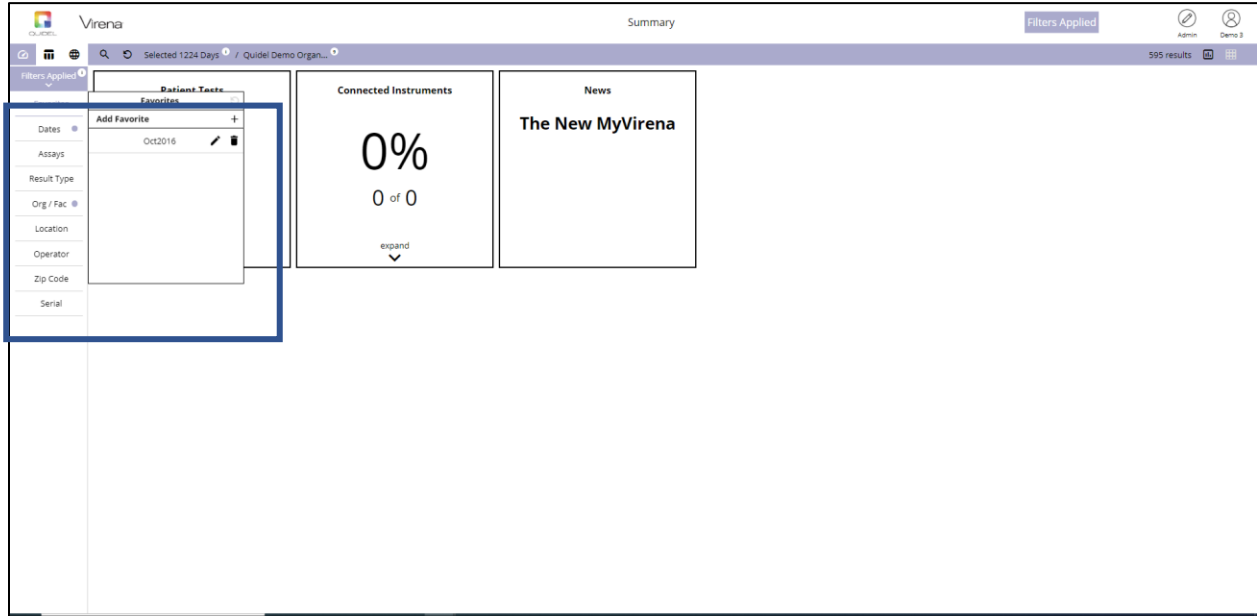
### Sorting Results

The results grid can be sorted by filter. To sort by a column in ascending order, click the filter. To sort in descending order, click the filter again.



## Managing Result Filters

It is possible to add, delete or edit search “Favorites” so you can run those searches again in the future. First select the filter parameters that you would like to place into your report. Select “Favorites” from the left option column then “Add Favorite”. This will create a new report.

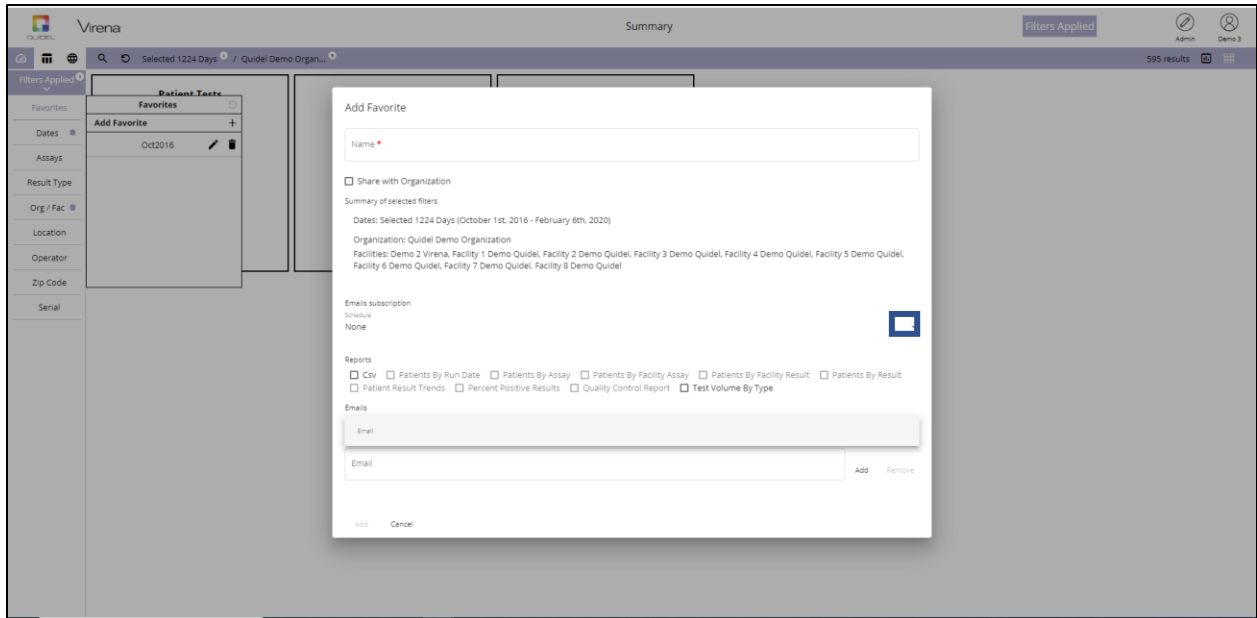
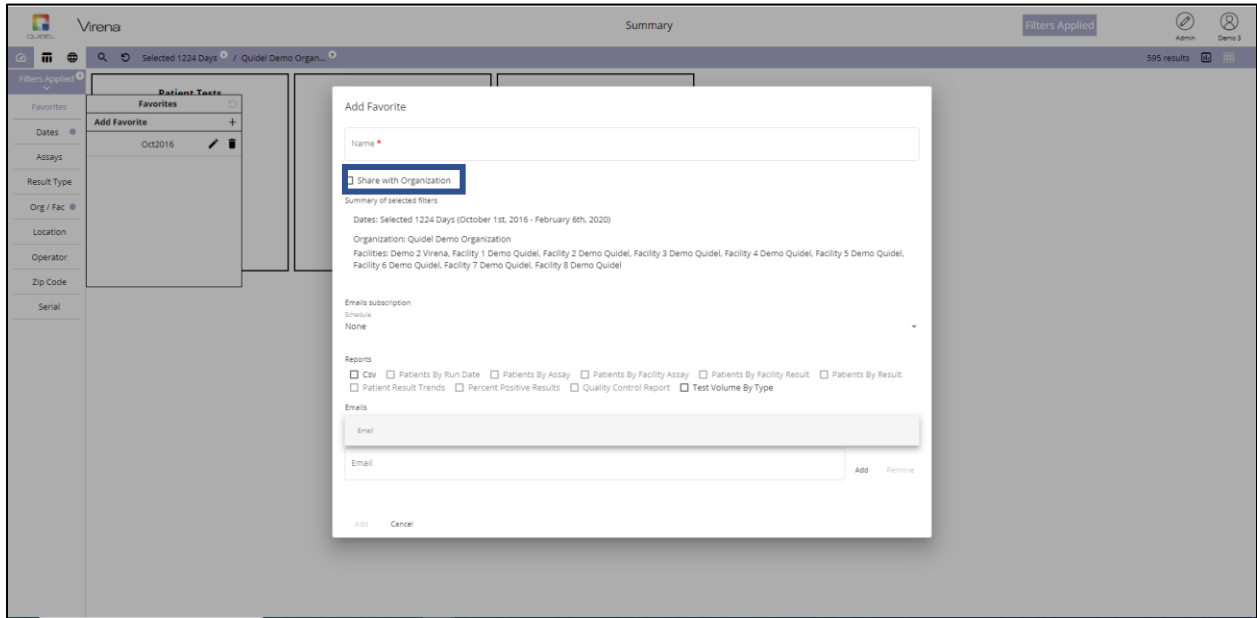


## Share filter in your organization and schedule reports

It is possible to share filters and schedule reports exports with authorized users in your organization. When adding a “New Favorite”, a new screen will appear. On this screen you can choose to share with your Organization.

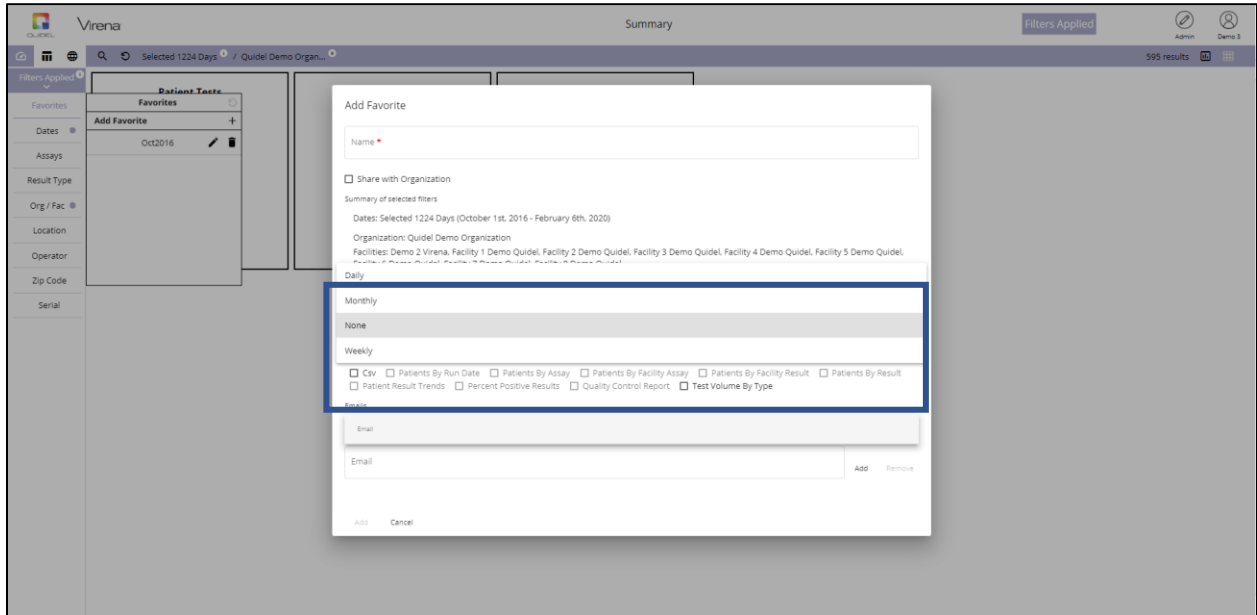
Schedule an automated export or report to be sent to a user

The selected filter can be used to generate a scheduled CSV Export or a chart. Select “schedule” by using the dropdown arrow.

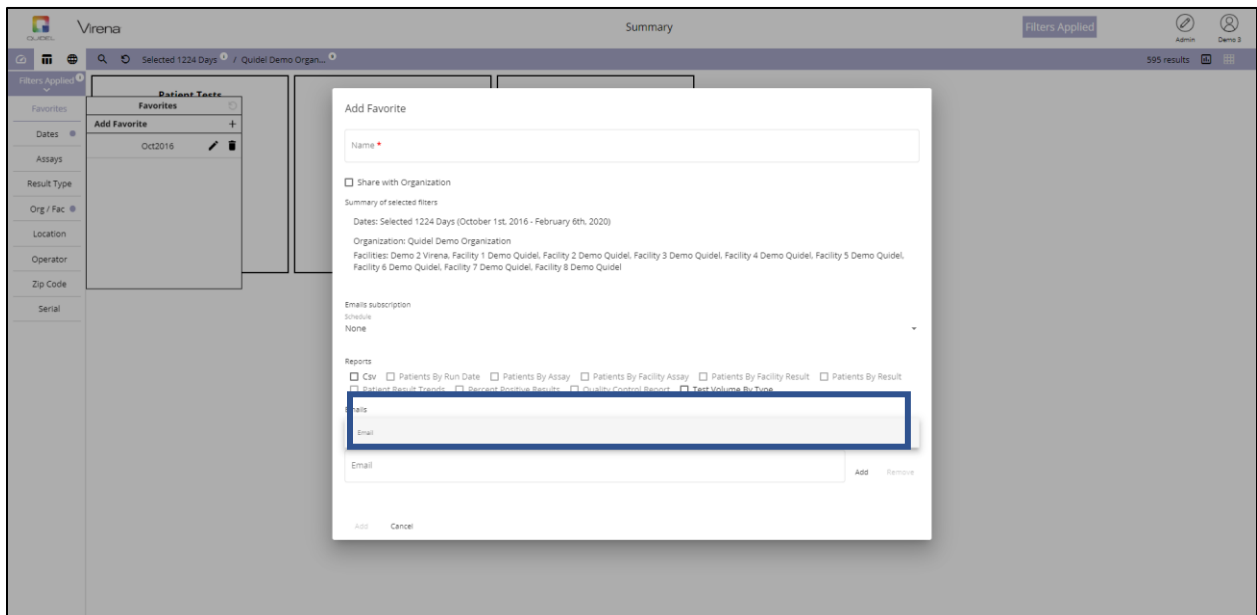


Then choose the frequency.

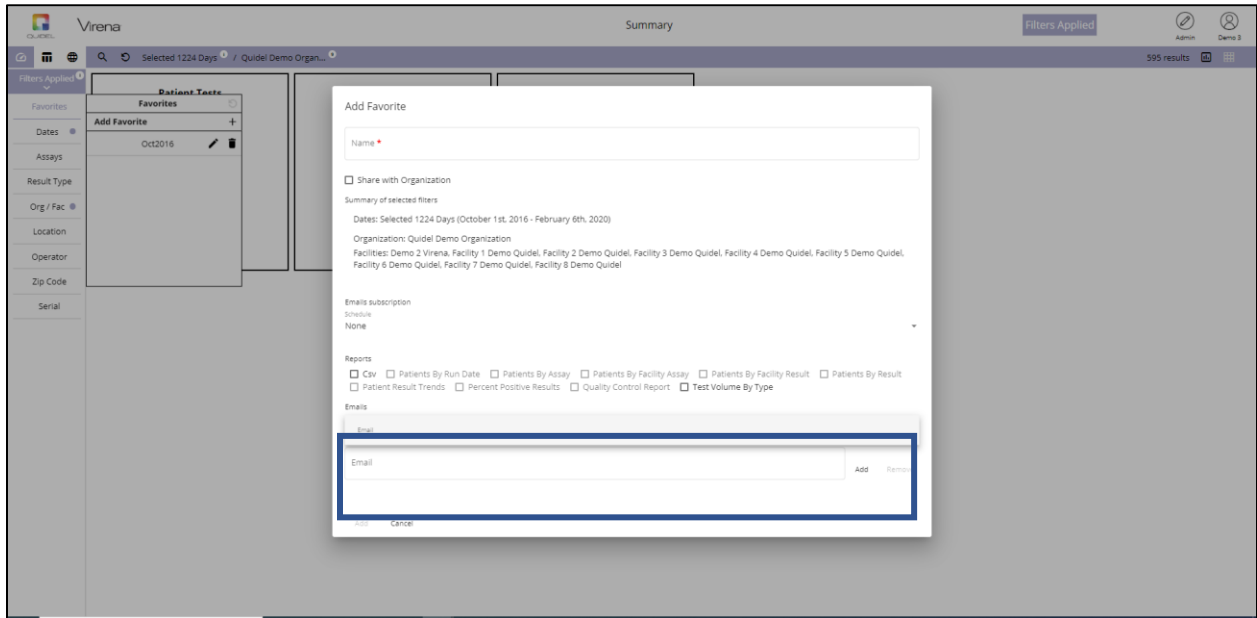
- Daily –every night
- Weekly –Sunday night so it is available on Monday
- Monthly – Every first of the month



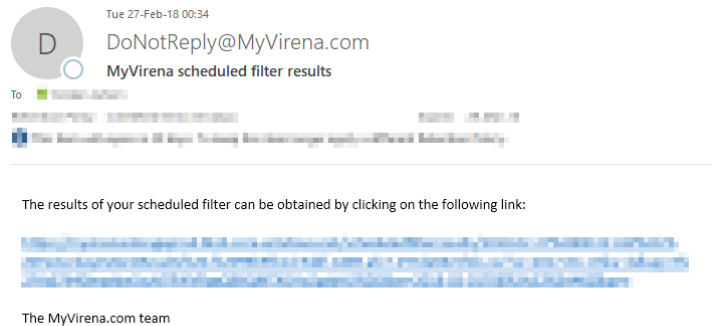
Then choose the report type.



Then enter the email address.



The report will be sent as an e-mail, originating from [DoNotReply@MyVirena.com](mailto:DoNotReply@MyVirena.com) and containing a link to download the CSV export or an image of the chart. If you do not receive an e-mail, please review your spam folder or contact your IT department to whitelist the e-mail address.

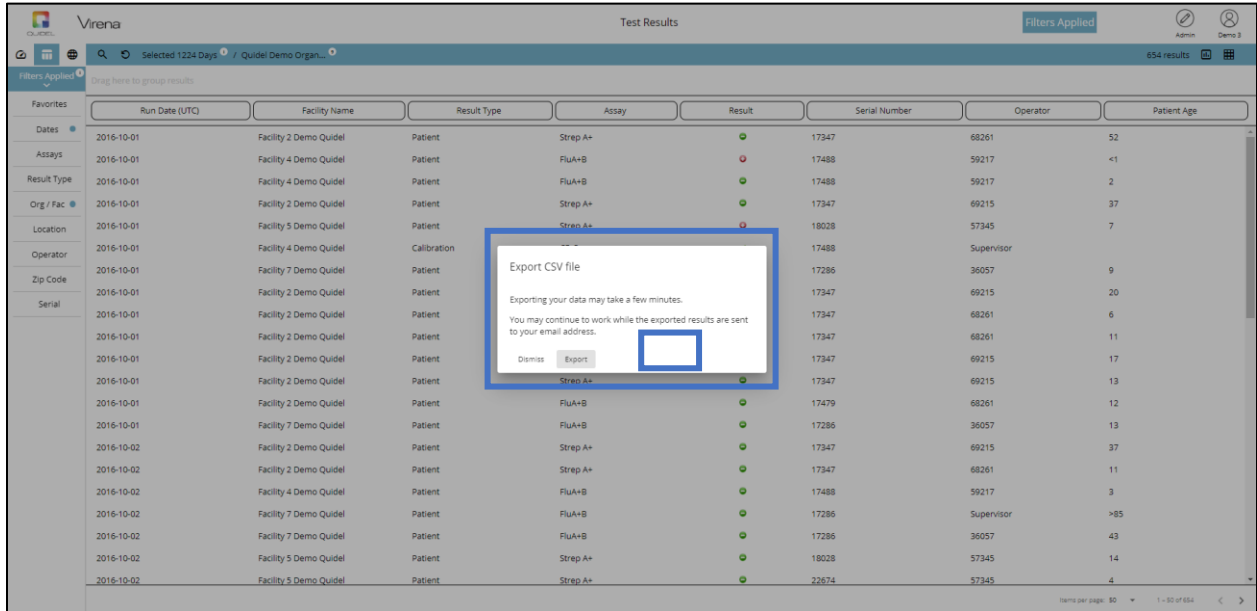


## Reporting Results

You can easily generate a report from any view you have created in the “Filtered” page. Once you have filtered as desired, click the *View as Report* icon in the upper left of the “Browse Test Results” page.

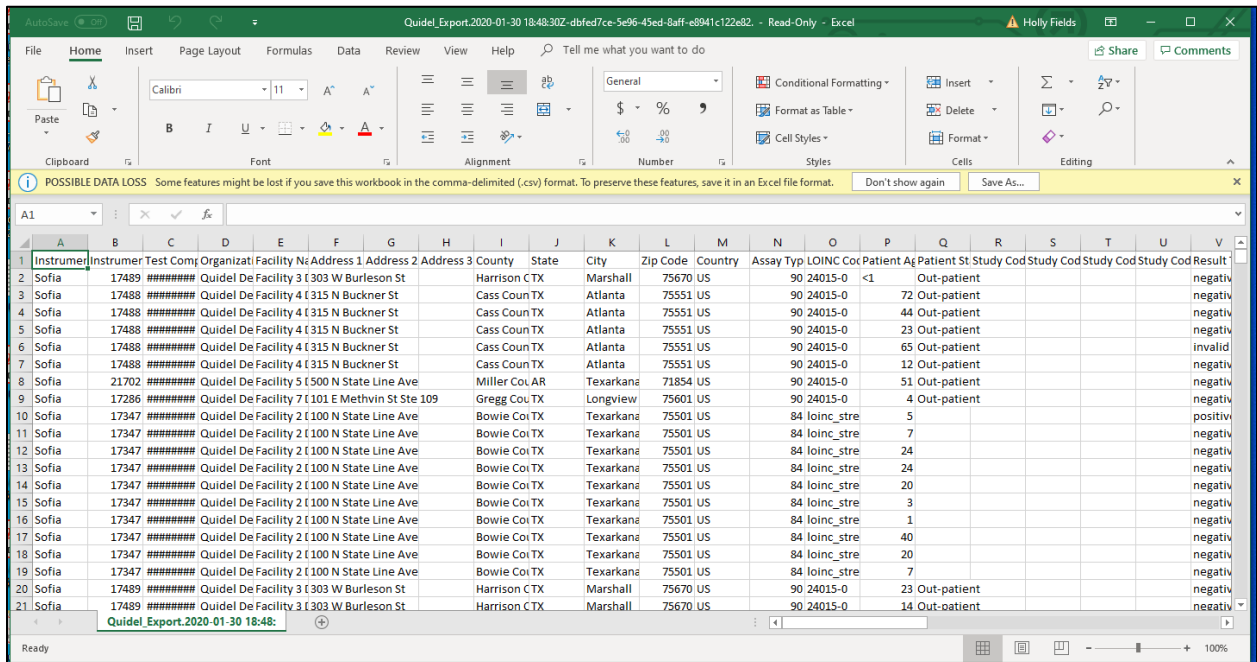


Once selected you can export the file.



## Report Examples

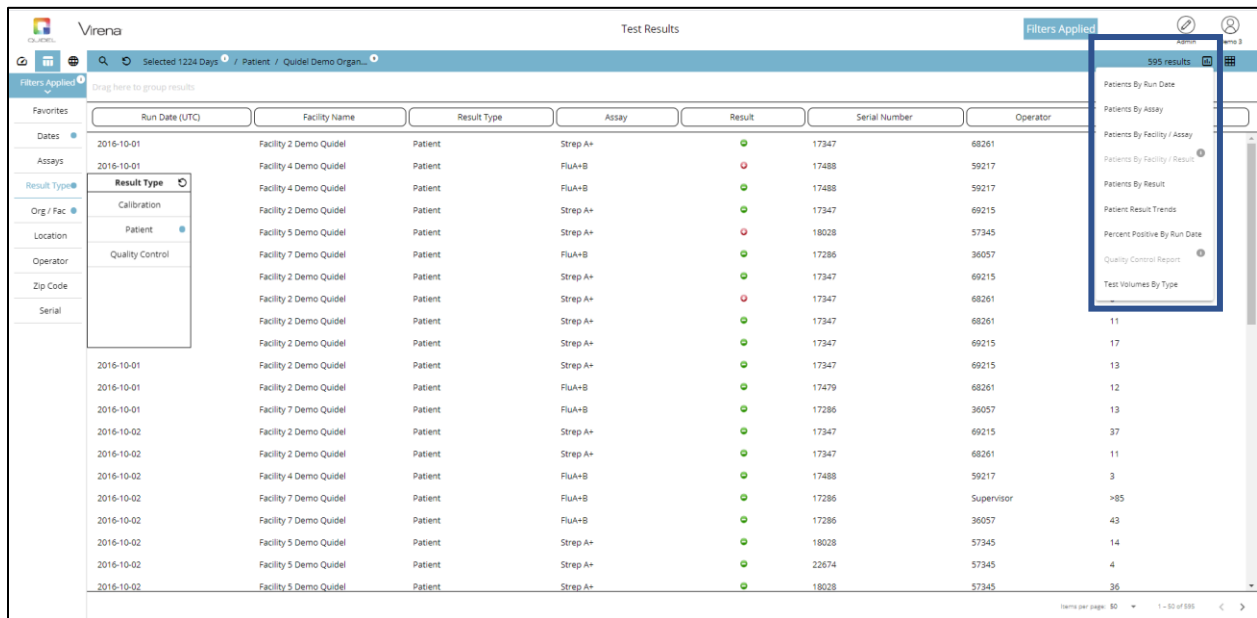
Reported will be exported as a csv file.



## Charting Test Results

In myvirena.com, there are several charts available for analyzing your result data. As with reporting and exporting, charts are also accessed from the “Browse Test Results” page (shown below) and the chart data comes from your search criteria.

When you select a chart from the *Chart icon*, a new browser window opens and renders the selected chart.



The screenshot displays the Virena Test Results interface. The main area is a table with columns: Run Date (UTC), Facility Name, Result Type, Assay, Result, Serial Number, and Operator. The table contains 36 rows of test data. On the right side, a 'Filters Applied' menu is open, showing a list of chart options: Patients By Run Date, Patients By Assay, Patients By Facility / Assay, Patients By Result, Patient Result Trends, Percent Positive By Run Date, Quality Control Report, and Test Volumes By Type. The 'Test Volumes By Type' option is highlighted with a blue box.

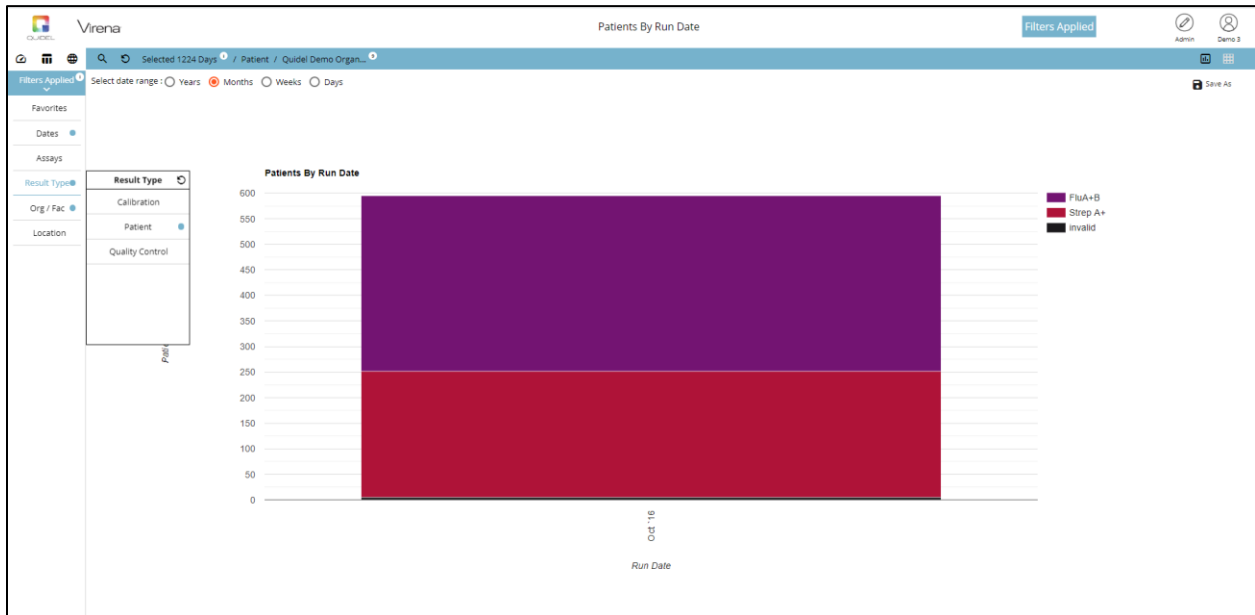
Run Date (UTC)	Facility Name	Result Type	Assay	Result	Serial Number	Operator
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	68261
2016-10-01	Facility 4 Demo Quidel	Patient	FluA+B	●	17488	59217
2016-10-01	Facility 4 Demo Quidel	Patient	FluA+B	●	17488	59217
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	69215
2016-10-01	Facility 5 Demo Quidel	Patient	Strep A+	●	18028	57345
2016-10-01	Facility 7 Demo Quidel	Patient	FluA+B	●	17286	36057
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	69215
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	68261
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	69215
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	68261
2016-10-01	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	69215
2016-10-01	Facility 2 Demo Quidel	Patient	FluA+B	●	17479	68261
2016-10-01	Facility 7 Demo Quidel	Patient	FluA+B	●	17286	36057
2016-10-02	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	69215
2016-10-02	Facility 2 Demo Quidel	Patient	Strep A+	●	17347	68261
2016-10-02	Facility 4 Demo Quidel	Patient	FluA+B	●	17488	59217
2016-10-02	Facility 7 Demo Quidel	Patient	FluA+B	●	17286	Supervisor
2016-10-02	Facility 7 Demo Quidel	Patient	FluA+B	●	17286	36057
2016-10-02	Facility 5 Demo Quidel	Patient	Strep A+	●	18028	57345
2016-10-02	Facility 5 Demo Quidel	Patient	Strep A+	●	22674	57345
2016-10-02	Facility 5 Demo Quidel	Patient	Strep A+	●	18028	57345

## Patients by Run Date Chart

The “Patients by Run Date” chart is a stacked column chart that shows the number of patient tests run for each assay over a period and matching the search criteria. The numbers of tests for each assay are represented as a segment in each column of the chart.

The columns in this chart can be aggregated by day, week, month and year using the aggregation selector in the lower left of the page.

This chart is only available for patient results. The “Result Type(s)” criteria for the search must contain only “Patient” for this chart to be available.





## Patients by Assay Chart

The “Patients by Assay” chart is a column chart that shows the total number of patient tests run for each assay over a period and matching the search criteria. The total number of tests for each assay is represented as a column.

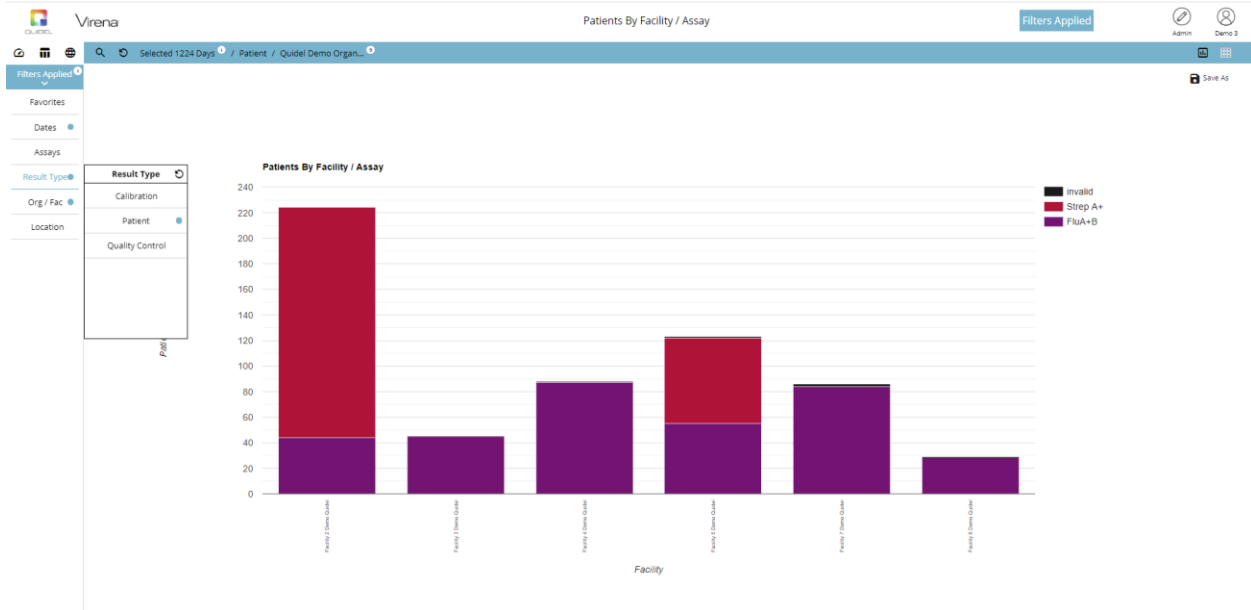
This chart is only available for patient results. The “Result Type(s)” criteria for the search must contain only “Patient” for this chart to be available.



## Patients by Facility / Assay Chart

The “Patients by Facility / Assay” chart is a stacked column chart that shows the number of patients tested for each facility by assay matching the search criteria. The total numbers of tests for each assay are represented as a segment in each column of the chart.

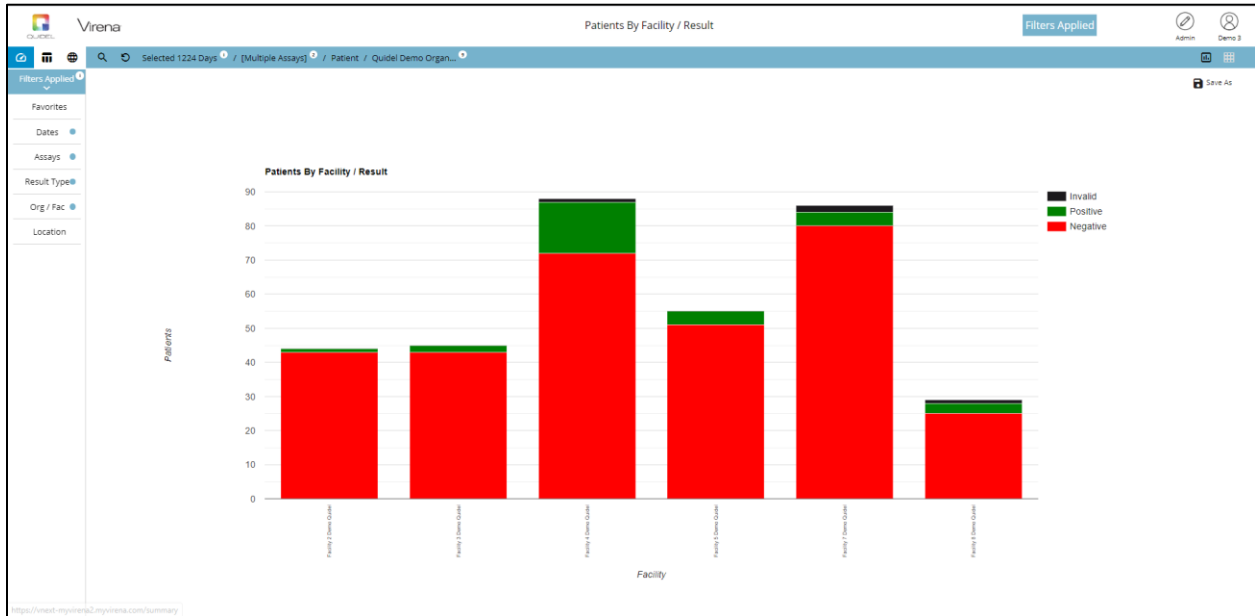
This chart is only available for patient results. The “Result Type(s)” criteria for the search must contain only “Patient” for this chart to be available.



## Patients by Facility / Result Chart

The “Patients by Facility / Result” chart is a stacked column chart that shows the number of patients tested for each facility by result (pos/neg) matching the search criteria. The total number of tests for each result are represented as a segment in each column of the chart.

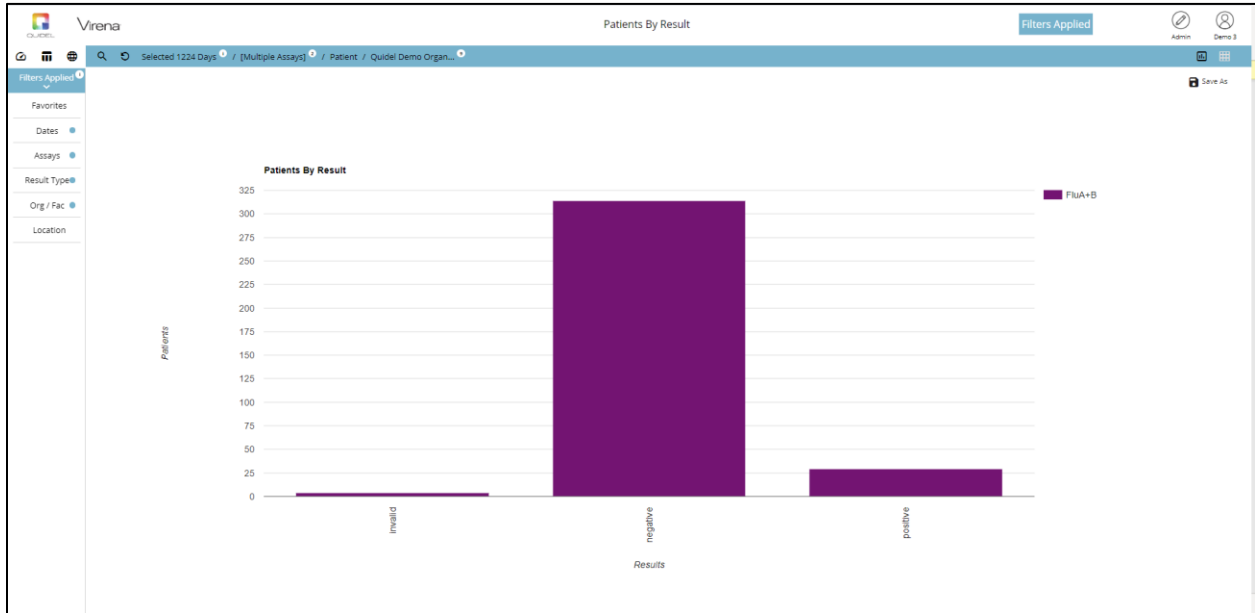
This chart is only available for patient results. The “Result Type(s)” criteria for the search must contain only “Patient” for this chart to be available.



## Patients by Result Chart

The “Patients by Result” chart is a stacked column chart that shows the total number of patient tests run by each result matching the search criteria. The number of tests for each assay within a result is represented as a segment of the result column.

This chart is only available for patient results. The “Filter types” criteria for the search must contain only “Patient” for this chart to be available.

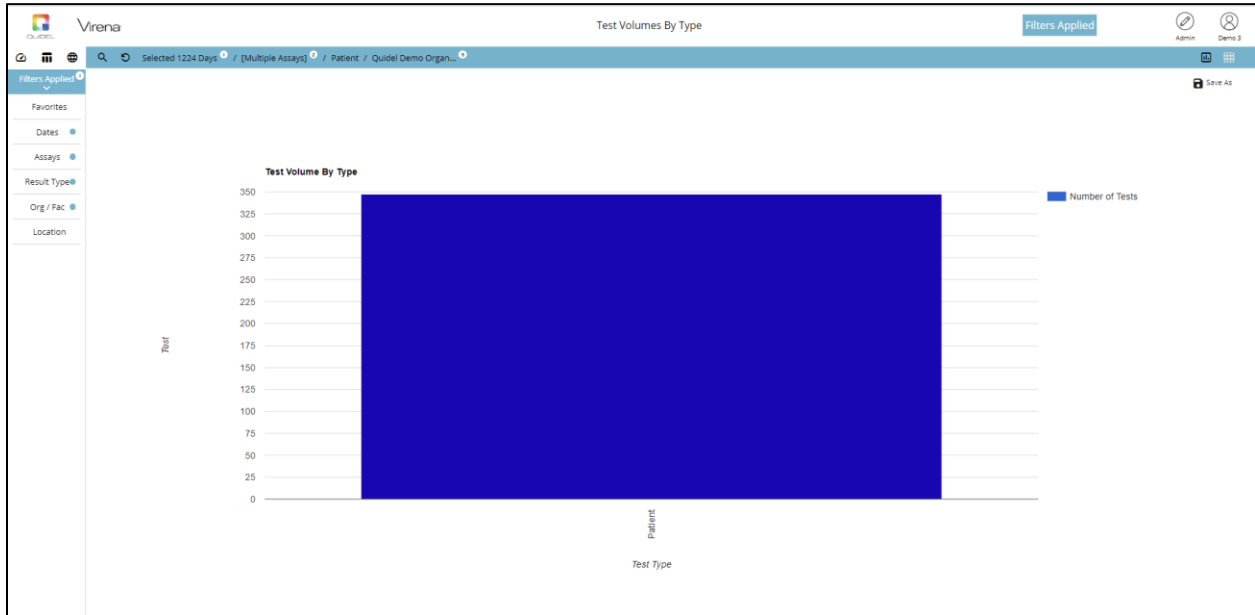


## Test Volumes by Type Chart

The “Test Volumes by Type” chart is a column chart that shows the total number of tests run of each test type (Patient, Quality Control and Calibration) over a period that match the search criteria.

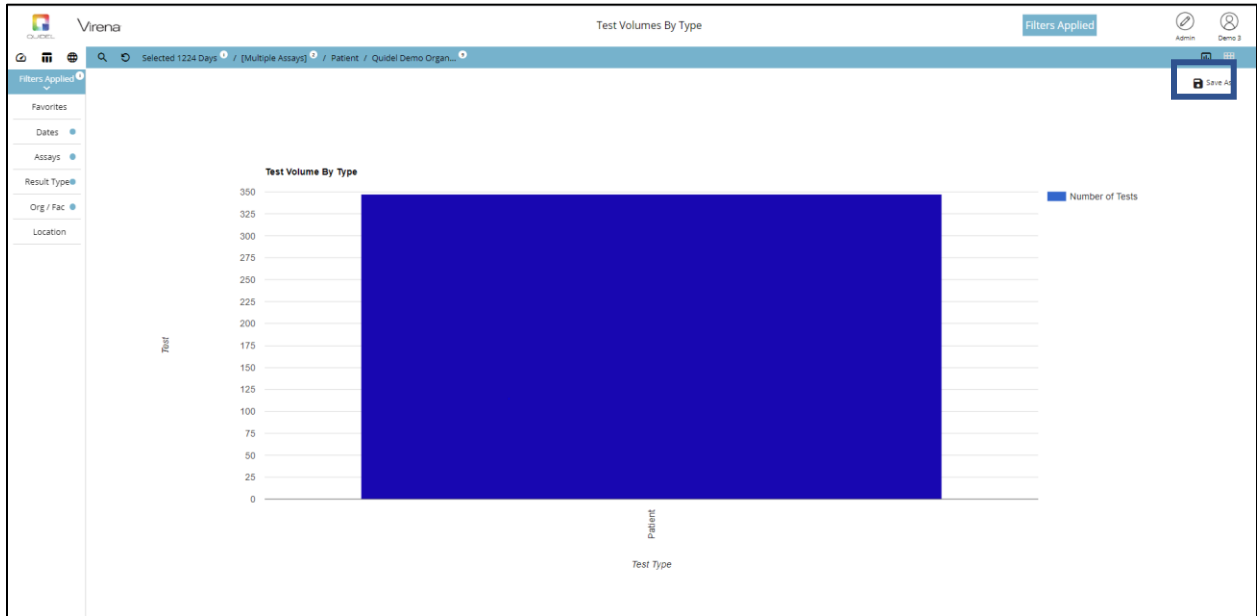
Calibrations are not specific to an assay; therefore, to view calibrations, do not select a specific assay in your search criteria (Note below, there is no assay selected).

If you would like to determine the volume of patients and controls per assay, select these as your search criteria. The calibration bar will result in a 0 value, since calibration is not associated with a specific assay.

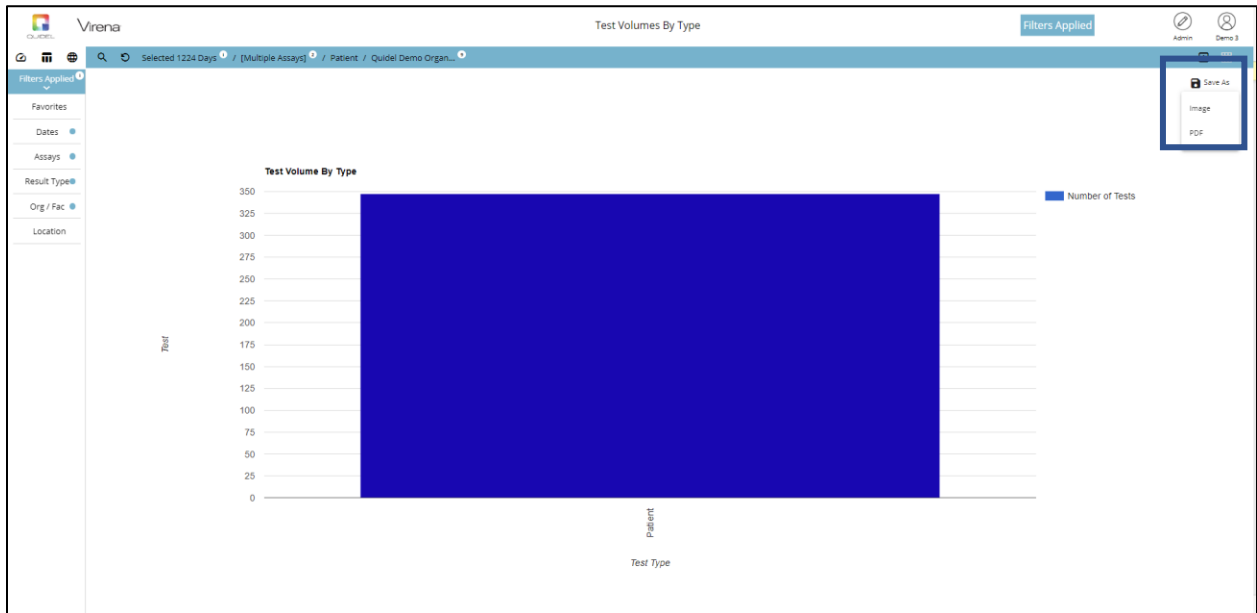


## Saving Chart

Select save as on the right-hand side of the chart.



Once the save as button is clicked an option to save as an image or a PDF will appear. Select the desired format.



## Mapping Results

To Map your results, choose the *Map Results* tab.

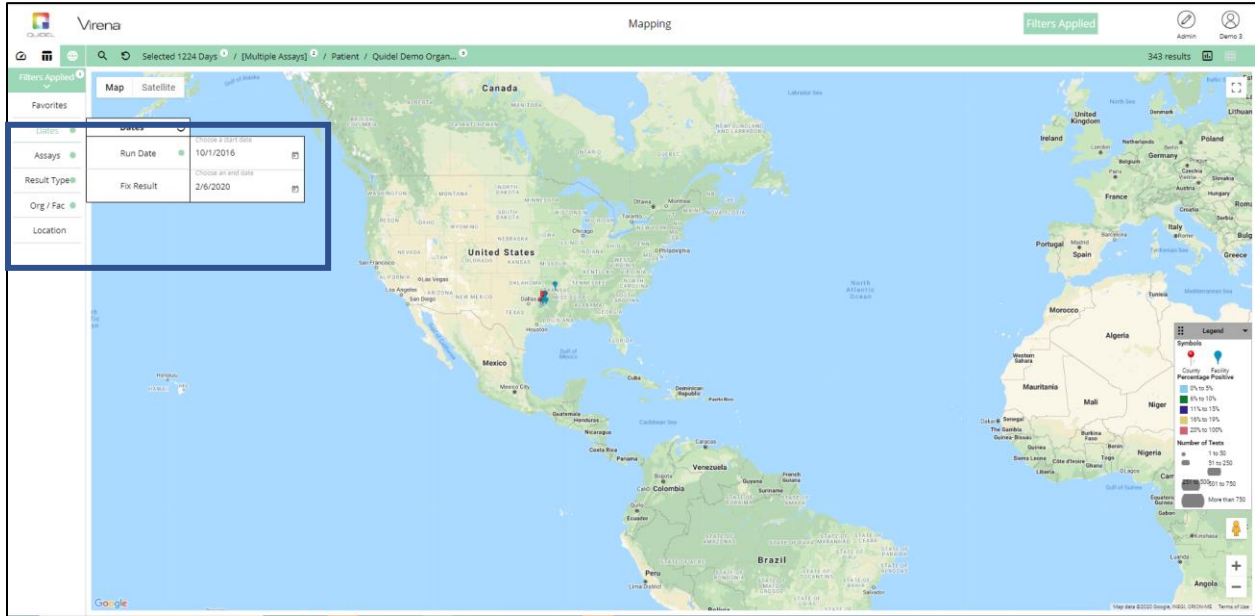
The screenshot displays the Virena Summary page. The top navigation bar includes the Virena logo, the word "Summary", a "Filters Applied" button, and user profile icons for "Admin" and "Demo 3". The breadcrumb trail shows "Selected 1224 Days" / "[Multiple Assays]" / "Patient / Quick Demo Organ...". On the left, a "Filters Applied" dropdown menu is open, listing various filter categories: Favorites, Dates, Assays, Result Type, Org / Fac, Location, Operator, Zip Code, and Serial. The main content area features three summary cards: "Patient Tests" with a large "347" and "invalid 4" below it, and an "expand" button; "Connected Instruments" with a large "0%" and "0 of 0" below it, and an "expand" button; and "News" with the title "The New MyVirena".

### Mapping Criteria Basics

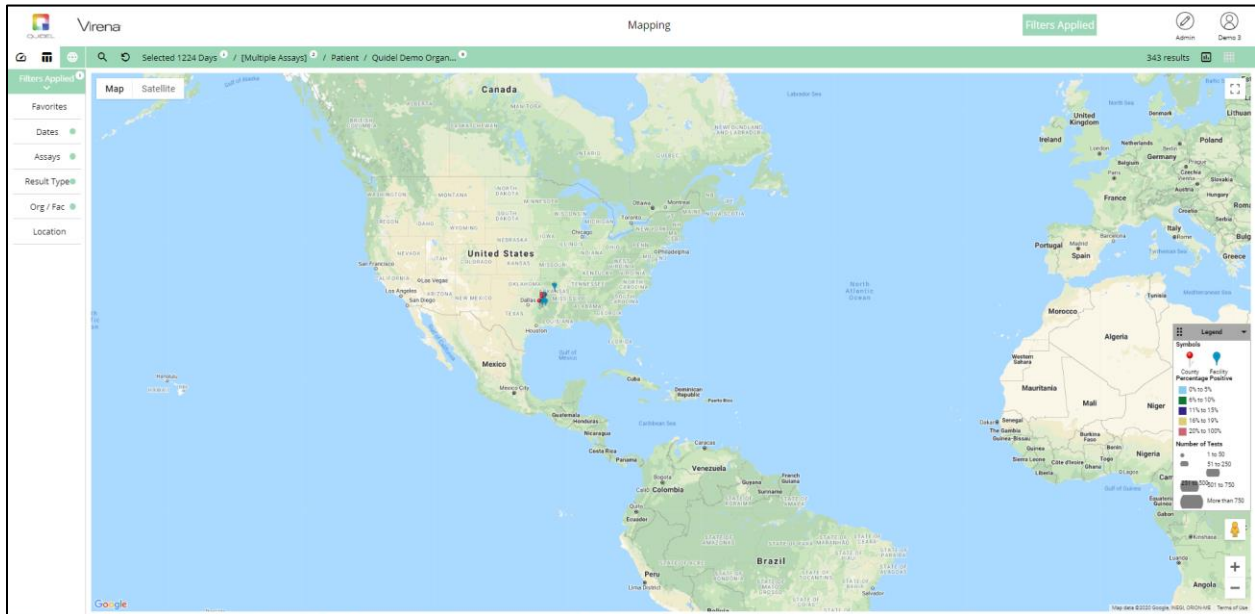
Mapping provides a National View of all connected Instruments. To view the National landscape, leave the filter for the Organization blank. To view your Organization's data only, choose your Organization as the filter criteria.

## Searching by Time-period

To search for results that were run during a period, choose “Dates” then either Run date or Fix Result option and fill in the corresponding time-period information. Note that if you leave the date criteria blank, the system will attempt to retrieve results within 90 days.



**Note:** To minimize the date selections click on Date again and this will close the selections.





## Searching by Assay(s), Organization and/or Facility

The search criteria for the mapping application only allows you to access one assay and one organization at a time.

All other search criteria work as described on the section titled, “Searching for Results.”

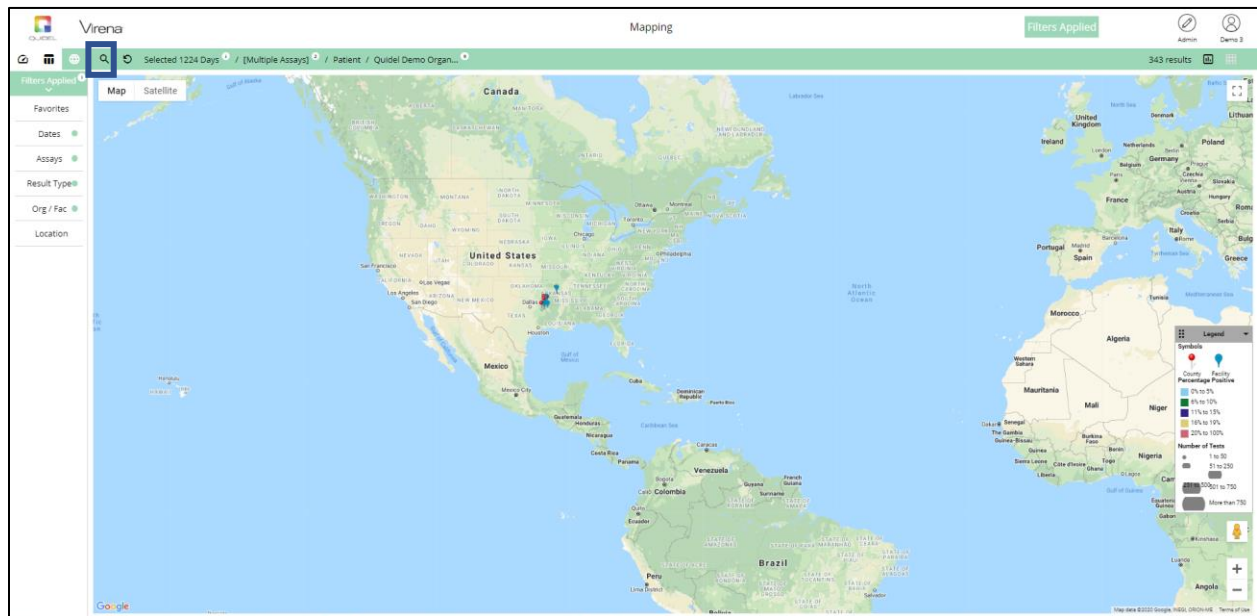
## Executing a Map Search

After entering your filter criteria, you may initiate the search by clicking the *Search* Icon button. This will retrieve all the results that match the criteria you entered and display them on the map, located below the search panel.



## Resetting the Map Criteria

To quickly clear your results and reset all search criteria, you may click the *Reset Search Filter* Icon.



## Viewing Maps

Mapping provides a National View of all connected instruments as well as an Organization view.

## Viewing Map Full Screen

To view a full screen map, click on the *Full Screen* Icon in the upper left corner of the screen under the Function Tabs.

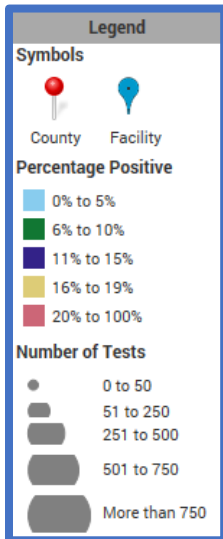




Minimize Icon: To exit from the full screen view.

## Map Legend

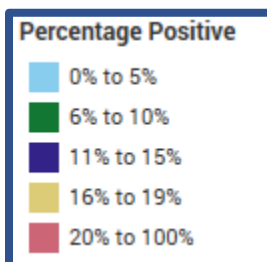
The Legend contains three pieces of information: Symbols, Percent Positives, and Number of Tests.



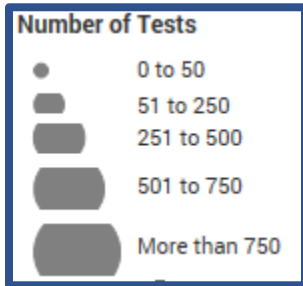
**Symbols:** The symbol represents county or facility location.



**Percent Positive:** A range of percent positive is indicated by color coding.

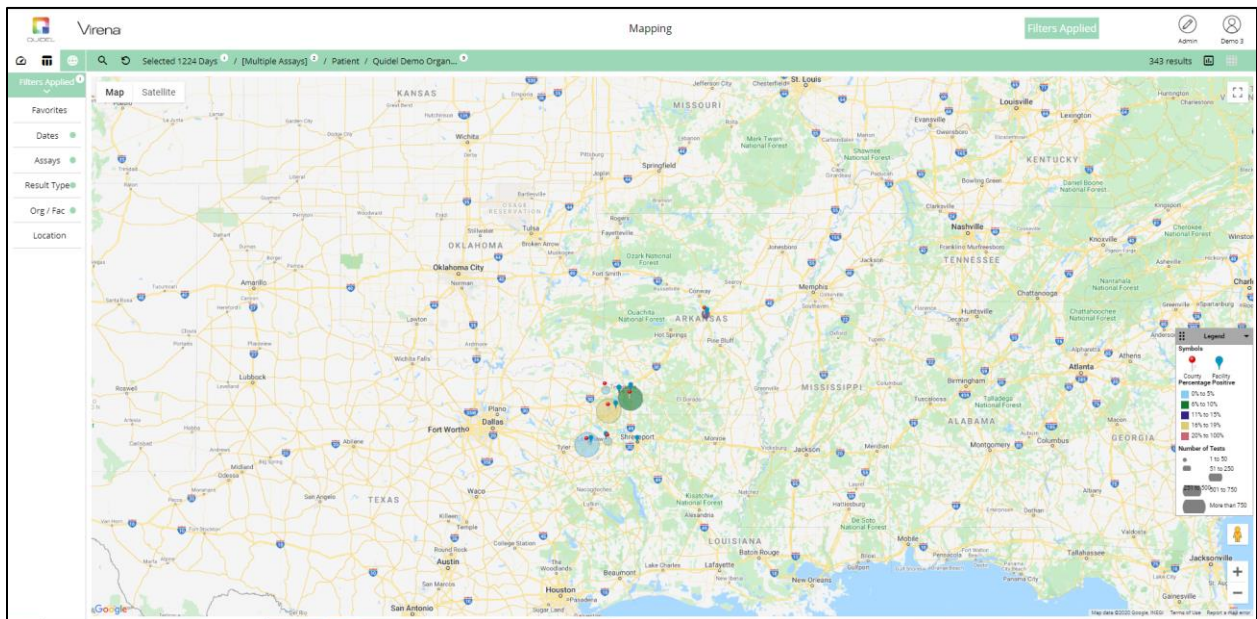


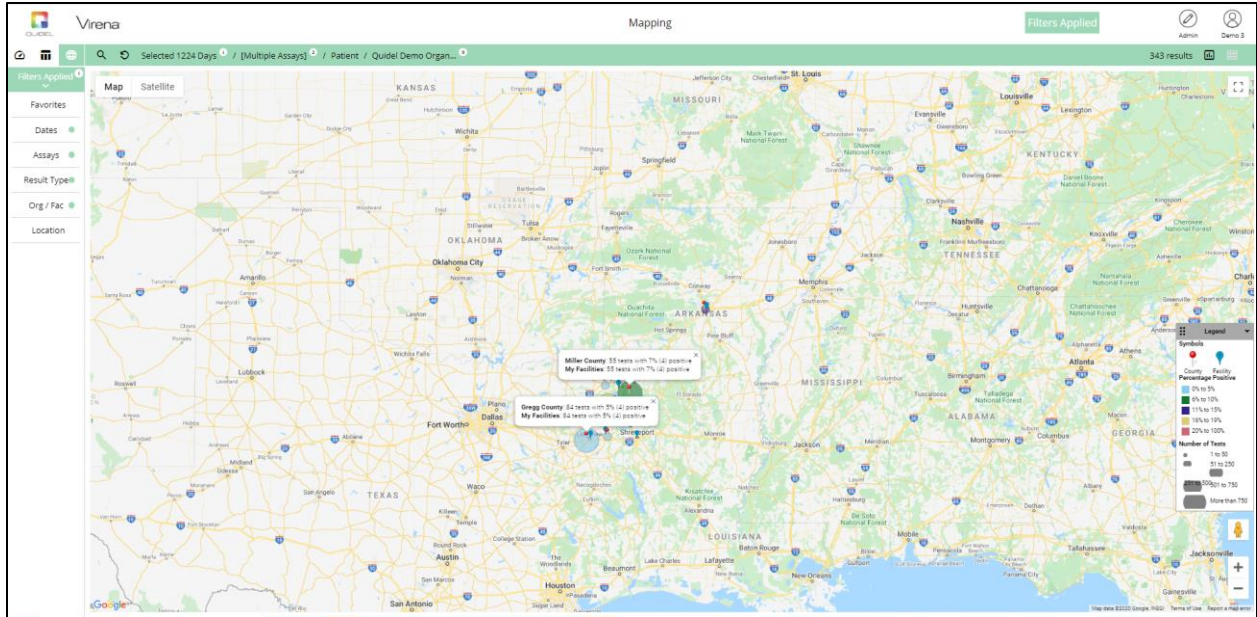
**Number of Tests:** The number of tests performed in that county.



### County and Facility Information

By clicking on the facility marker, you will be able to see detailed information about your facility and for a county. By clicking on a county pin, you will be able to see the test results and the positivity rate for this county. If you have facilities located in the selected county, additional information will be visible. All test results of the county will be displayed and compared with the test results for “My Facilities” located in the county.





## Terms

<b>Analyte</b>	A substance being measured; e.g. Flu A is an analyte.
<b>Assay</b>	A qualitative or quantitative analysis of a substance. For example, Sofia Influenza A+B is an assay.
<b>Assay Type</b>	The numbering system Quidel uses for each assay. For example, for Flu A+B the assay type is 90.
<b>Authorized Users</b>	Users who are authorized by the Organizational Administrator to access the data being generated by the Organization. The Authorized Users are given access to all Organization data but are not able to edit settings or provide authority to other users for administrative purposes.
<b>Cassette Number</b>	The unique identifying number included on the barcode of each Test Cassette.
<b>Cassette Lot Number</b>	The manufacturing lot number of the cassette as indicated in its bar code.
<b>Contact Name</b>	Contact name is the Organizational Administrator.
<b>Country User</b>	Public health role that associates a user with a specific country. A user with the Country User role is only able to see results that originated from facilities within the user's country.
<b>County User</b>	Public health role that associates a user with a specific U.S. county. A user with the County User role is only able to see those results that originated from facilities within the user's county.
<b>.CSV File</b>	Comma-Separated Value file. An electronic data file where individual pieces of data are separated by commas. The file can be readily interpreted by many software applications, including Microsoft Excel.
<b>Facility Name</b>	A site or location that is part of the customer/organization where a Quidel instrument is located. Facilities are "children" to the parent organization.
<b>Firmware Revision</b>	The version identifier of the instrument firmware (software).
<b>Grouping Bar</b>	An area on the screen where column headers can be dragged and dropped to group results by the chosen column(s).
<b>Instrument Run Date</b>	The date the test was run, as generated by the instrument.
<b>Inst. Serial Number</b>	The serial number of the instrument that transmitted the result.
<b>Instrument Type</b>	The type of analyzer measuring the assay; e.g. Sofia.

<b>Kit Lot Number</b>	The unique identifying number for all assay test kits manufactured in a single lot. Only transmitted with QC results, not with patient results.
<b>LOINC Code</b>	Logical Observation Identifiers Names and Codes. A universal code system for identifying laboratory and clinical observations. A LOINC code is associated with each assay.
<b>Operator ID</b>	Same as User ID
<b>Operator Name</b>	Same as User Name
<b>Operator Number</b>	Operator Number is the only field transmitted to myvirena.com, if populated (on Sofia). If this field is not populated, no Operator/User ID or Operator/User name is transmitted.
<b>Order Number</b>	Order number is limited to 20 characters (on Sofia). The supervisor may enable or disable the transmission of order number to the Virena cloud.
<b>Organization</b>	A customer/organization may have satellite facilities or locations where an instrument(s) and/or Virena router(s) are located. The facilities are locations that are part of a larger organization or customer.
<b>Organizational Administrator</b>	Healthcare user who is an authorized user and is also the primary contact for the organization relative to Virena. The Organizational Administrator notifies Quidel of the addition or deletion of member facilities and authorized users for the organization.
<b>Patient Age</b>	Patient Age is indicated by years. Patients older than 85 will be displayed as >85 in myvirena.com. Patients younger than 1 year of age will be displayed as <1. Patient age is an optional input when running the instrument, but strongly recommended.
<b>Patient Status</b>	Patient status is an optional toggle field allowing the user to define the patient as in-patient or out-patient status. This is also used to distinguish proficiency tests from patient results.
<b>Public Health</b>	The County, State and National public health agencies that participate in the Virena surveillance program.
<b>Registration Date</b>	The date the router or modem was registered.
<b>Result Type</b>	The type of result generated from the instrument. It can be a patient, quality control or calibration type of result.
<b>Router Type</b>	The type of router used to transmit data to myvirena.com.
<b>Router ID</b>	Used with Sofia, the router has a device ID, similar to, but not the serial number.

<b>Test Result</b>	Indication of test result as positive, negative or invalid. For QC and Calibration results, the indicator is pass, fail, and invalid.
<b>Site Name</b>	A site name is the facility entered to show where the Sofia is located. This is not required to be entered into the Sofia and is not transmitted (Rev 2.0 software) to myvirena.com.
<b>SNOMED Code</b>	Systematized Nomenclature of Medicine. A comprehensive clinical terminology for identifying patient problems (diseases and conditions).
<b>State User</b>	Public health role that associates a user with a specific state within the United States and its Territories. A user with the State User role is only able to see the results that originated from facilities within the user's state or territory.
<b>Storage Date</b>	The date and time that a test result was stored in the Virena database.
<b>Study Codes</b>	There are four open and optional Study Codes labeled: Study Code A, Study Code B, Study Code C, and Study Code D. Each field is limited to 2 numbers and can be used for informational purposes as deemed necessary by the Organizational Administrator. No protected health information (PHI) or user-identifiable data must be placed in these fields.
<b>Test Flag</b>	Indicates whether a test result was stored from the first transmission from the instrument ("F") or whether it was stored from a retransmission ("R").
<b>Time Zone</b>	Time zone of the instrument that transmitted the result.
<b>Transmission Date</b>	The date the instrument transmitted the result to the Virena router.
<b>User ID</b>	Same as Operator ID. This is an optional field in the Sofia which allows the instrument operator/user to enter a unique identifier using the numeric keypad or barcode scanner. User ID must be numeric and at least 4 digits. In Sofia Firmware 2.0, the operator ID is not transmitted. It is replaced by the Operator # provided it is entered.
<b>User Name</b>	Same as Operator Name. You may add a User name connected with the User ID. Use the numeric keys or barcode scanner to enter the ID number. The User name is displayed on the screen, printout (if printed) and sent to the LIS. The User Name is not transmitted to myvirena.com.