

My Retina Tracker® - Guide for Ordering in Nucleus

Nucleus is Blueprint Genetics' online platform that allows a healthcare provider to place orders for genetic testing, follow a test's progress, and view test results.

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Process for Getting a Patient Tested as Part of the My Retina Tracker Program

1 Obtain Informed Consent

You are responsible for explaining and obtaining Informed Consent from eligible patients who wish to participate in the Genetic Testing Program. Download the Consent document at blueprintgenetics.com/my-retina-tracker-program.

If you require genetic counseling through InformedDNA®, you will have the opportunity to make that referral online through Nucleus. If using a local counselor, select that option when ordering.

2 Ordering and sample shipment

Submit the My Retina Tracker Panel requisition through Nucleus. Follow the instructions on the next page. Find instructions for shipping the sample on page 10.

3 How can I access Nucleus?

You can access Nucleus online through your computer, tablet, or smartphone at nucleus.blueprintgenetics.com. The portal is free for all users and having an account does not obligate you to anything.

Checklist for Successful Order Submission



Collect a sample

You can use your own collection kit or you can order a Blueprint My Retina Tracker Panel specimen kit. Our kit includes a specimen collection tube (blood or saliva), packing materials and a prepaid FedEx® shipping envelope. The kit also includes a copy of the Genetic Testing Program Informed Consent form that can be sent back to Blueprint Genetics together with the sample. Order kits online at blueprintgenetics.com/how-to-order/. Choose your preference for saliva kits, blood kits or a combination of both.



Provide your patient's clinical information

Before placing your order, ensure that you have all the needed clinical information about the patient.

1. Patient's name, sex, date of birth, and contact information
2. The most recent best corrected visual acuity measurements and the year of that diagnosis
3. Patient's diagnosis and associated medical conditions
4. Latest visual acuity measurements and date of measurements
5. Family history of retinal disease



Place an order

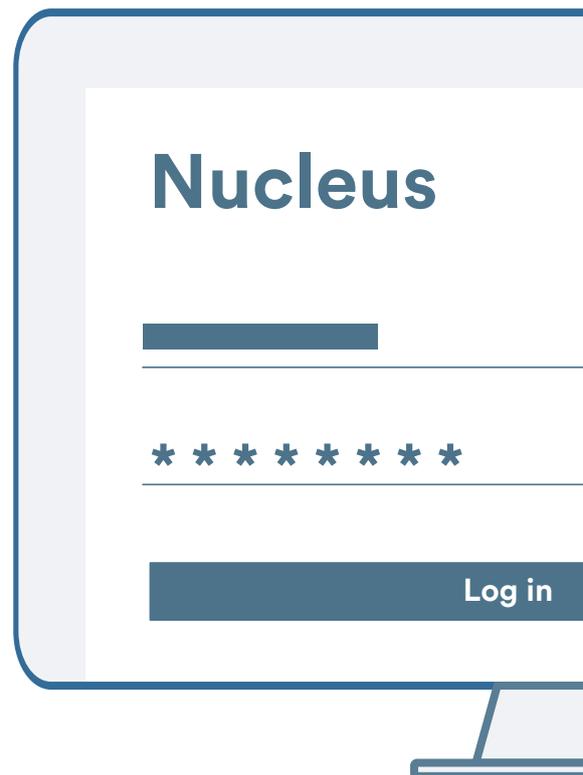
Log into Nucleus (nucleus.blueprintgenetics.com/login), navigate to the **Orders page**, and click the "New Test" button. A selection of tests will become available. To order the My Retina Tracker panel, go to the "Ophthalmology" category and choose: **My Retina Tracker Panel**.



Send us the sample

Blueprint Genetics
2505 3rd Ave
Suite 204
Seattle, WA 98121
United States

Note: you can send several patient samples in one shipment.



Account

How do I register for a Nucleus account?

Qualified healthcare professionals can create a Nucleus account for themselves by clicking on the “Request an account” link at nucleus.blueprintgenetics.com. Once you have confirmed your email address, you can start placing orders immediately. The ability to share orders with colleagues within the same hospital activates within 1 to 2 days—as soon as the user information has been confirmed to be accurate.

Why should I register with my hospital/institution email address?

Your hospital/institution email address will help us to confirm that you are a qualified healthcare professional. If you are registered in Nucleus using your Gmail, Hotmail, Yahoo or other nonprofessional email address, you will be unable to share results with your colleagues at your hospital/institution.

How do I change my password?

Log in to Nucleus, click on your username in the top right corner and select “Profile Settings.” Choose “Change Password,” type in your old and new password, and select “Save.”

What if I forgot my password?

If you have forgotten your password, you can request a new one by clicking the “Recover password” link on the login page.

How secure is Nucleus?

Several layers of protection ensure that the information stored in Nucleus is secured. Outside access is controlled, allowing only specific and authenticated traffic to pass through, and in an end-to-end encrypted manner. Authentication is achieved through public-key encryption.

A number of mechanisms have been implemented for monitoring and protecting against outside attacks seeking to compromise the Nucleus system or data. We conduct periodic third-party security penetration testing to ensure an adequate level of security.

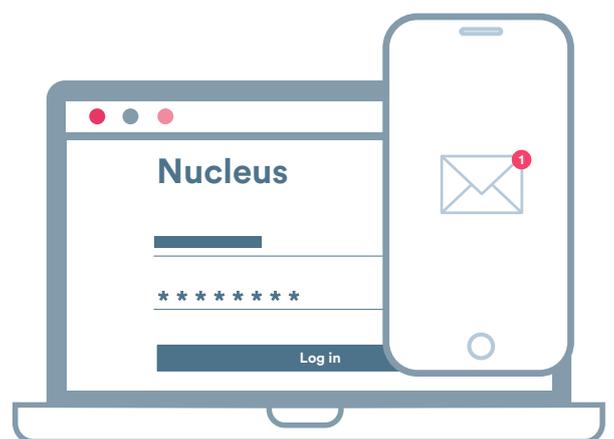
What is two-factor authentication?

Two-factor authentication provides an extra layer of security to your account by sending a temporary verification code to your phone number when you sign in to Nucleus. This optional feature ensures that only you can access your account, even if someone else knows your password. You can enable or disable two-factor authentication in your account settings.

What are notifications?

Notifications are messages that keep you informed about important updates related to your account. You can access Nucleus’ notification center by clicking the bell icon on the top right corner. A red number next to the bell indicates that you have new notifications. You will receive a notification for each of the following events:

- New order is placed
- Sample is in analysis
- Order is on hold
- Results are ready
- Test is shared with you
- You have a new connection



Can I share my account with someone else?

Nucleus accounts are personal. You should not disclose your password to any third party. You must notify Customer Support (support.us@blueprintgenetics.com) immediately upon becoming aware of any breach of security or unauthorized use of your account.

I work in a position that requires access to all orders made in my department/hospital. Is it possible to create such an account?

Yes. You can request an Administrative account that enables you to see orders and results placed by all users in your department/hospital.

I assist the healthcare provider with the ordering process. Can I complete the requisition form for the provider?

Yes. By contacting Customer Support (support.us@blueprintgenetics.com), you can request a Superuser account that enables you to place orders using a name of a physician linked to your account.

My account has been inactivated. How can I reactivate it?

For data security reasons, the password to your Nucleus account has to be changed once a year. You will receive an automatic email reminder 30 days and 7 days before that date. If the password is not changed within the given time frame, your account will be inactivated. If this happens, please contact Customer Support (support.us@blueprintgenetics.com) and we can reactivate the account for you.

How can I terminate my Nucleus account?

If you wish to terminate your Nucleus account, please contact Customer Support (support.us@blueprintgenetics.com) to initiate the termination.

Ordering & Results

How do I place an order?

The My Retina Tracker Panel is identical to the Blueprint Genetics Retinal Dystrophy Panel. Do NOT use the “standard” Retinal Dystrophy Panel to order testing within the My Retina Tracker Program; doing so will incur a cost for your practice or patient.

Log in to Nucleus, navigate to the Orders page, and click the “New Test” button. A selection of tests will become available. You can either search for the My Retina Tracker Panel or browse by category. After you have found the test, click on the name of the test and the order form will open. Fill in the required information and navigate forward. If you cannot fill out all the information in the same session, you can click on “Save as draft” and finish the order later. Please note that Nucleus times out after 2 hours of inactivity.

How can I order Familial Variant Testing?

Please visit our website, blueprintgenetics.com/tests/variant-specific-testing/familial-variant-testing/, for more information about familial variant testing.



The screenshot shows a user interface for a consent form. At the top, there is a dropdown menu with the text "English" and a downward arrow. Below this is a red-bordered button labeled "Print consent". At the bottom, there is a red square checkbox followed by the text "The patient has signed the consent."

Orders

+ New Test

Panels Whole Exome Sequencing Familial Variant Testing Single Gene Test

Ophthalmology i Order

i Order

i Order

i Order

1 2 3 4 5 6 7

*

Previous Cancel order Save as draft Next

Submit

Ordering & Results

Who can I share results with in Nucleus?

In section 6 of the order form, you have the option to share the order and results with your colleagues. The list of colleagues shows all Nucleus users within your hospital, clinic, or hospital network. If you share the order with a colleague, they will receive an email informing them that an order has been shared with them. They will also receive an email when the results are ready and will be able to view the results when ready.

Please note that if you registered in Nucleus using your Gmail, Hotmail, Yahoo or other nonprofessional email address, you will not be able to share results through Nucleus.

Can I edit a submitted order?

At the time, Nucleus does not allow for editing once an order has been submitted. However, you can request changes or add information by leaving a comment in section 7 of the Nucleus order.

Can I print a copy of my order?

Yes. After completing the order, you can print it by clicking the “Print” button in “Order summary” view.

What kind of patient samples do you accept?

We accept the following sample types:

- EDTA blood
- Purified DNA
- Saliva

For more information on sample requirements, please visit blueprintgenetics.com/faqs/#sample-requirements.

How do I send the sample?

Send the samples to the following address:

Blueprint Genetics
2505 3rd Ave
Suite 204
Seattle, WA 98121
United States

For more information on sample shipping, please visit blueprintgenetics.com/faqs/#shipping.

My sample is in analysis. Is it possible to see when results are expected?

If you need an estimated time of completion for results, please contact Customer Support. (support.us@blueprintgenetics.com)

How can I see tests shared with me?

To see the tests shared with you, click the toggle button above the list of orders.

What are archived orders?

You have the option to archive orders for which you have already received the results. This allows your main Nucleus view to show you only those cases that are currently pending results. You can archive resulted orders by clicking on “Archive,” next to the “Report” and “Print” options. If you want to see the list of your archived orders, click on the “View archived orders” checkbox at the top of the order list. Any archived order can be unarchived, which means that the order will return to the main order view.

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