

Sample collection requirements

All specimens should be labeled with **AT LEAST TWO** patient identifiers (name, date of birth or Myriad Genetics barcode), **AND** the collection date. Each sample should be placed in its own kit along with corresponding paperwork. For Foresight® Carrier Screen and Prequel® Prenatal Screen, multiple kits may be packed in one FedEx envelope when sent to Myriad Genetics.

All samples require a signed requisition form from the patient's healthcare provider before any tests can be processed or results can be issued.

All collection tubes must not be expired at time of sample collection. Blood and saliva kits are still usable if the expiration date is the same as the collection date.

Prequel®

Prenatal Screen

	Blood samples
Sample container	One 10 mL Streck tube (provided in kit)
Quantity required	10 mL optimal 7 mL minimum
Storage and stability	Sample should be sent right away Do not refrigerate Stable up to 7 days at room temperature (includes transport time)
Shipping instructions	Ship in provided kits with 1-day FedEx envelope
Special instructions	Collection date is required on the tube Estimated due date and pregnancy type (singleton or twin) are both required on the requisition

Samples not meeting these requirements may still be sequenced and the results reported if they meet quality control standards. We reserve the right to discard samples that do not meet our quality control standards.

Special considerations for Prequel

- Myriad Genetics cannot accept Prequel samples from patients with any active malignancies.
- Myriad Genetics cannot accept Prequel samples from patients who have received a whole blood transfusion within four (4) weeks of sample collection.
 - This waiting period does not apply for packed red blood cells (pRBC), fresh frozen plasma (FFP), platelets, Rhogam, or IVIG infusion.
- Patients who have had an allogeneic (non-self donor) bone marrow transplant, stem cell transplant, or organ transplant may submit Prequel samples; however, the sex of the donor should be indicated on the requisition.
 - Sex Chromosome Analysis is not available when the sex of the donor is male (at birth) or unknown.
- Patients who have had a stem cell injection/infusion for a **non-cancer condition** are eligible for Prequel under the following conditions:
 - If the stem cell injection/infusion was autologous (self donor), Myriad can proceed with Prequel analysis as normal.
 - If the stem cell injection/infusion was allogenic (non-self donor), the patient must be at least four (4) weeks post-injection/infusion to proceed with Prequel analysis as normal.

	Blood samples	Saliva samples
Sample container	One 4 mL EDTA tube (provided in kit)	One Oragene tube (provided in kit)
Quantity required	4 mL optimal 1 mL minimum	1 mL of saliva (plus 1 mL buffer in Oragene tube) Patient should fill the saliva collection device to the marked fill line, not including bubbles
Storage and stability	Store at room temperature for up to 48 hours or up to 2 weeks refrigerated	Store at room temperature for up to one year
Shipping instructions	Ship in provided kits with 2-day FedEx envelope	Ship in provided kits with 2-day FedEx envelope
Special instructions	Collection date is required on the tube	Collection date is required on the tube Instructions for saliva collection should be followed closely Patient should not eat, drink, smoke, chew gum, or kiss for at least 30 minutes prior to giving a sample Close the lid to add the buffer to the tube before changing the cap

Samples not meeting these requirements may still be sequenced and the results reported if they meet quality control standards. We reserve the right to discard samples that do not meet our quality control standards.

Special considerations for Foresight

- Myriad Genetics cannot accept Foresight blood and saliva samples from patients with active hematologic malignancies.
- Myriad Genetics cannot accept Foresight blood or saliva samples from patients who have received a whole blood transfusion within four (4) weeks of sample collection.
 - This waiting period does not apply for packed red blood cells (pRBC), fresh frozen plasma (FFP), platelets, Rhogam, or IVIG infusion.
- Patients who have had an allogeneic (non-self donor) bone marrow transplant or stem cell transplant are eligible for Foresight; however, an alternative specimen type, such as pre-extracted DNA from cultured skin fibroblasts, will be required. (See pre-extracted DNA sample collection requirements below.) Please contact Myriad Genetics (888-268-6795, option 2, then option 3) before sending any alternative specimen.
 - An alternative specimen type is not required for patients who have had an organ transplant.
- Patients who have had a stem cell injection/infusion for a **non-cancer condition** are eligible for Foresight under the following conditions:
 - If the stem cell injection/infusion was autologous (self donor), Myriad can proceed with Foresight blood or saliva sample analysis as normal.
 - If the stem cell injection/infusion was allogenic (non-self donor), the patient must be at least four (4) weeks post-injection/infusion to proceed with Foresight analysis as normal.

Pre-extracted DNA samples for Foresight® Carrier Screen

	Pre-extracted DNA samples
Sample container	No requirement Suggested: 2 mL Eppendorf tube
Quantity required	Minimum required quantity of extracted DNA: 1.5 ug Minimum required concentration: 18 ng/uL Minimum recommended volume: 85 uL
Storage and stability	Room temperature
Shipping instructions	Please ship overnight at room temperature (If available, you may use an overnight FedEx mailer from a Prequel kit)
Special instructions	We can only accept DNA extracted from cultured skin fibroblasts DNA must have been extracted in, maintained by, and submitted from a CLIA laboratory Sample container must include at least two acceptable patient identifiers (Name and DOB are preferred) A Foresight barcode may be used for sample submission, but the sample will be assigned a new barcode once it arrives in the lab

	Blood samples	Saliva samples
Sample container	One 10 mL EDTA tube (provided in kit)	One Oragene tube (provided in kit)
Quantity required	10 mL optimal 4 mL minimum	1 mL of saliva (plus 1 mL of buffer in Oragene tube) Patients should fill the saliva collection device to the marked fill line, not including bubbles
Storage and stability	Sample should be sent right away Stable up to 7 days at room temperature, or up to 30 days refrigerated	Sample should be sent right away Do not refrigerate Stable up to 7 days at room temperature
Shipping instructions	Ship in provided kits with 2-day FedEx envelope	Ship in provided kits with 2-day FedEx envelope
Special instructions	None	Instructions for saliva collection should be followed closely Patient should not eat, drink, smoke, chew gum, or kiss for at least 30 minutes prior to giving a sample Close the lid to add the buffer to the tube before changing the cap

Samples not meeting these requirements may still be sequenced and the results reported if they meet quality control standards. We reserve the right to discard samples that do not meet our quality control standards.

Special considerations for MyRisk

- For patients with active hematologic malignancies, please contact Myriad Genetics (800-469-7423 ext. 3850) to confirm the sample requirements based on the patient's specific diagnosis.
- Myriad cannot accept MyRisk blood or saliva samples from patients who have received a whole blood transfusion within four (4) weeks of sample collection.
 - This waiting period does not apply for packed red blood cells (pRBC), fresh frozen plasma (FFP), platelets, Rhogam, or IVIG infusion. Please note any transfusion history within the past 12 months on the requisition.
- Patients who have had a bone marrow transplant or stem cell transplant should indicate the transplant type on the requisition. Patients who have had an allogenic (non-self donor) transplant will require an alternative specimen type. Please contact Myriad (800-469-7423 ext 3850) to discuss alternative specimen options.
- Patients who have had a stem cell injection/infusion for a **non-cancer condition** are eligible for MyRisk under the following conditions:
 - If the stem cell injection/infusion was autologous (self donor), Myriad can proceed with MyRisk blood or saliva sample analysis as normal.
 - If the stem cell injection/infusion was allogenic (non-self donor), the patient must be at least four (4) weeks post-injection/infusion to proceed with MyRisk analysis as normal.