

Buccal Swab Sample Collection

Please find enclosed in this **Buccal Cell Collection Kit**, the paperwork required for targeted gene mutation analysis, sterile swabs and a 15mL conical flask. Please follow the instructions below.

Analysis Paperwork to be completed by Clinician:

1. Laboratory Requisition Form
2. Informed Consent Form
3. Phenotypic Checklist

Buccal Swab Sample Collection:

1. If possible, have the patient rinse their mouth out thoroughly with water prior to collection of the sample. This will minimize the potential contamination of the sample by food particulates.
2. Carefully open the sterile swab packaging at the wooden applicator end and remove the swab from the packaging.
3. Rub the tip of the swab firmly along the inside of the cheek for 10-15 seconds.
4. Remove the lid from the 15mL conical container, and place the swab into the 15mL conical container.
5. Using scissors cut the end of the wooden applicator so that it fits within the conical container to ensure that the container can be completely sealed when the lid is replaced on the tube.
6. Repeat steps (2.) through (5.) two to four more times. We currently recommend collecting at least two swabs per individual to ensure that an adequate amount of DNA is collected.
7. Clearly label the 15mL conical flask containing the swabs with the patient's name, date of birth, and the date of sample collection.

Storage and Shipping:

1. It is preferable that swabs/blood samples be shipped immediately. If swabs cannot be shipped immediately they should be stored in the refrigerator until they are shipped.
2. Samples may be shipped at ambient temperature (no refrigeration or ice necessary).
3. Ship to:

UAB Medical Genomics Laboratory
720 S 20th Street, Suite 330
Birmingham, AL 35294
Telephone: 1-205-934-5562