



This protocol has collection information for pharmacogenomics AND all other genetic specimens. Ensure you are following the correct protocol.

Collecting and Preparing a Buccal DNA Specimen
(PHARMACOGENOMICS ONLY)

1. Prior to collecting a buccal DNA sample, ensure the patient has not had anything to eat or drink for at least 30 minutes.
2. On the outside of two (2) sterile and unused buccal swabs **WITHOUT BUFFER (PURITAN BRAND, DRY TRANSPORT SYSTEM)**, write the patient's name and date of birth on each swab.
3. Carefully break the sterile seal of one (1) of the swabs. Be careful not to touch the swab to avoid cross contamination.
4. Rub the swab on the inside of each cheek, and over the gums, for at least 30 seconds on each cheek. Be sure to apply enough pressure on the swab. When enough pressure is applied, the swab will begin to bend.
5. Place the swab back into the dry transport tube and push the cap all the way in.
6. Repeat steps 3-5 for the second swab. It is critically to collect a duplicate DNA sample to ensure Qitek Labs has a redundant swab for extraction purposes.
7. If ordering the test through the portal, generate two (2) barcode labels for the patient's specimens. Place a label on each specimen tube.
8. Place the buccal specimens in a biohazard zip closure bag. Ensure the biohazard zip closure bag is completely sealed.
9. Place any requisition/accompanying paperwork in the outside pocket of the biohazard zip closure bag.
10. Place all biohazard zip closure bags inside of a UPS Laboratory Pak bag.
11. Seal the UPS Laboratory Pak bag. Apply a pre-paid return label from Qitek Labs to the outside of the bag.
12. Allow UPS to pick up the package.



Collecting and Preparing a Buccal DNA Specimen
(CANCER GENOMICS, FAMILIAL HYPERCHOLESTEROLEMIA, CARRIER SCREENING,
AND PARKINSON'S/ALZHEIMER'S/DEMENTIA ONLY)

1. Prior to collecting a buccal DNA sample, ensure the patient has not had anything to eat or drink for at least 30 minutes.
2. On the outside of two (2) sterile and unused buccal swabs **WITH BUFFER (DNA GENOTYPING BRAND, BLUE LIQUID SOLUTION)**, write the patient's name and date of birth on each swab.
3. Carefully remove one (1) of the swabs. Be careful not to touch the swab to avoid cross contamination.
4. Rub the swab on the inside of each cheek, and over the gums, for at least 30 seconds on each cheek. Be sure to apply enough pressure on the swab. When enough pressure is applied, the swab will begin to bend.
5. Unscrew the swab from the transport tube.
6. Screw the swab back into the transport tube (placing the swab inside the blue liquid solution).
7. Repeat steps 3-6 for the second swab. It is critically to collect a duplicate DNA sample to ensure Qitek Labs has a redundant swab for extraction purposes.
8. If ordering the test through the portal, generate two (2) barcode labels for the patient's specimens. Place a label on each specimen tube.
9. Place the buccal specimens in a biohazard zip closure bag. Ensure the biohazard zip closure bag is completely sealed.
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