



## GENERAL INSTRUCTIONS

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### PGDx Sample Collection Procedure

Tumor samples may be provided as frozen tissue or FFPE blocks/slides. Saliva samples should be collected using the kit provided. Liquid biopsy samples should be collected, stored, and shipped following the instructions provided.

### Instructions for Sample Preparation

Patient name and date of birth should be assigned to each sample delivered. General information relating to the specimens will be collected for administrative purposes.

## TUMOR SAMPLE COLLECTION

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### Frozen Tumor Tissue

At least 100 milligrams of tumor tissue in a sealed tube sent overnight on dry ice. If sending from international locations, a courier service should be used to ensure that samples remain frozen throughout transport. Tissue should be labeled with patient name and date of birth.

### Formalin-Fixed Paraffin Embedded Tissue

#### SLIDES:

- One H&E stained, cover-slipped slide
- At least 10 unstained slides
  - Fresh cut and air dried
  - Not cover-slipped
  - 5-10 micron thickness is optimal
  - On “+” charged slides
  - All slides must be labeled with patient name and date of birth
- Place the slides in a plastic slide shipping container, in a mailer with bubble wrap/insulation.
- Analysis of less than 10 slides may be possible—please contact us to discuss.

#### BLOCKS:

- Place block(s) in a plastic bag and label with patient name and date of birth.
- Place block(s) and one cold pack in a styrofoam container.
- Place the styrofoam container in a box.
- Securely close the box.

## NORMAL SAMPLE COLLECTION

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### Saliva Collection

Using the Oragene-DNA kit, 2 milliliters of saliva is sufficient for our analysis. Samples can be stored for 1 year at room temperature. Saliva collection tubes should be labeled with patient name, date of birth, and date and time of acquisition. Tube should be wrapped in an absorbent paper towel and packed in a foam container delivered overnight at room temperature.

### Blood Collection

A venous blood draw of between 5 and 10 milliliters of blood is sufficient for our analysis. Blood should be drawn into a K2EDTA lavender top tube and gently rocked back and forth to mix the blood and the preservatives. Do not spin blood tube and do not freeze the blood tube unless they will be stored for >1 month. For long term storage samples may be stored at 4°C for less than 1 month. Samples that are to be stored for more than 1 month should be frozen at -20°C first and then transferred to a -80°C freezer. Do not place the tubes in styrofoam holders for freezing. Blood collection tube should be labeled with the patient name and date of birth as well as the date and time of blood draw. Tube should be wrapped in an absorbent paper towel and placed within a biohazard bag. Tube should be packed in a foam container delivered overnight at room temperature.

## SAMPLE DELIVERY ADDRESS

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### Personal Genome Diagnostics

2809 Boston Street, Suite 503  
Baltimore, Maryland 21224  
Tel (888) 571-2163

Please send an email to [lab@personalgenome.com](mailto:lab@personalgenome.com) to notify us that the sample has been sent.

Please include tracking number if using courier service.

Samples must be sent for arrival on Monday through Saturday.