



Genedrive® CYP2C19 ID Kit

Critical Steps



To reduce risk of test failure:

- **FIRMLY** swab as indicated in IFU
- **VIGOROUSLY** swirl swab in lysis buffer
- **Do NOT** underfill or overfill test cartridge
- **ENSURE** reagents are **COMPLETELY DISSOLVED**

- Scan QR code for full training video:
- Refer to Instructions for Use for full test procedure
- Contact support@genedrive.com with any queries



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Sampling

- **FIRMLY RUB** the flat part of the swab across the individual's inner cheek in a forward/backward motion for **10 STROKES**
- Repeat using the other side of the swab on the opposite cheek for 10 strokes
- Submerge the buccal swab in the Genedrive lysis buffer and **VIGOROUSLY SWIRL** the swab for **30 SECONDS** to release the buccal cells.



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Transferring

- Invert the specimen collection tube **10** times
- Hold the pipette horizontally and place the tip past the liquid surface. **DO NOT SQUEEZE THE BULB.** Allow the liquid to draw up until it reaches the black line.
- If overfilled expel all liquid into the specimen collection tube and try again
- Hold the pipette horizontally to avoid leakage.
- Place the pipette in the first tube touching the side. Squeeze the pipette slowly until all liquid has been expelled into the first channel. **PULL THE PIPETTE OUT FULLY BEFORE RELEASING THE BULB. ENSURE ALL LIQUID IS TRANSFERRED. REPEAT FOR THE REMAINING CHANNELS WORKING LEFT TO RIGHT.**



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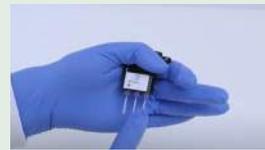
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Dissolving

- **FIRMLY FLICK** the cartridge downwards, forcing the liquid to the bottom of the channels.
- **FINGER TAP THE ASSAY** channels to dislodge any bubbles and promote reagent reconstitution.



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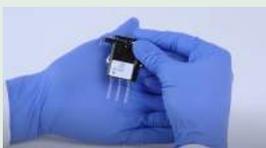
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Visually checking

- Invert the cartridge for **60 SECONDS** and repeat wrist flick and finger tap ensuring there are **NO LARGE BUBBLES OR POWDER RESIDUE.**
- Once complete, immediately insert cartridge into the Genedrive System.

Ensure fill level of specimen in all 3 channels is as indicated in **GREEN** on the right.

If fill levels are incorrect, repeat sample transfer with a new test kit.



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