



Genedrive[®] MT-RNR1 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 **2 STROKES** (or 10 for adults).
- Repeat using the other side of the swab on the opposite cheek for 2 strokes (or 10 for adults).
- Submerge the buccal swab in the Genedrive lysis buffer and **VIGOROUSLY SWIRL** the swab for **30 SECONDS** to release the buccal cells.
- Replace the cap and invert several times.



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Transferring

- Ensure the **PISTON IS NOT PUSHED DOWN AND THE VENTILATION HOLE AT THE END IS NOT COVERED.**
- Hold the Minivette **HORIZONTALLY** and place the tip past the liquid surface.
- **ENSURE THE LIQUID REACHES THE WHITE FILTER OF THE MINIVETTE.**
- A full Minivette holds the exact amount of liquid required. **UNDER/OVER FILL CAN LEAD TO FALSE POSITIVES AND TEST FAILURES.**
- Place Minivette at a slight angle at the neck of the middle tube.
- **SLOWLY** press down the piston until **EMPTY - DO NOT REFILL.**



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Dissolving

- **SHARPLY FLICK THE CARTRIDGE DOWNWARDS** to move all liquid in the tube to the bottom.
- **TAP** the middle tube of the assay cartridge with a **FINGER FLICK MOTION** to move bubbles to the top of the channel.



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Visually checking

- Invert the cartridge for **60 SECONDS. NO RESIDUE OR LARGE BUBBLES SHOULD BE VISIBLE**. If they are, repeat dissolving steps.
- Once complete proceed with the test immediately by **FLICKING THE CARTRIDGE DOWN AGAIN** and inserting into the Genedrive System.

Ensure fill level of sample in test cartridge 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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