



can II

RUNNING A IONO ANALYSIS

1- Insert a IONO MS-CARD from envisaged species



Check that the diluent priming has been correctly done or proceed with the priming.

2- Rotor preparation

Take a IONO rotor out of the refrigerator and **keep it at room temperature about 20 minutes** without opening its pouch.

Use a tube containing **lithium-heparin anticoagulant** (green, black or orange closure cap) or an untreated tube.

For better results and to have a correct ratio blood / anticoagulant, fill up to 2/3rds of the tube with the animal blood (or up to the mark if present).

Slowly wave the tube to homogenize the sample (gently invert the tube about 10 times), then centrifuge the sample 5 to 10 minutes. If it is a plain tube, wait for the blood clot before centrifuging.

Place the rotor into the holder using the slot to jam it correctly.

Remove the green cap, from the right well, be careful to maintain the tablets inside

3- Run the first dilution (1/10) :

Press the left key

⇒ The screen displays : "Diluent 1: 720 µl" then "Sample 1: 80 µl"

Dip the tip of the handprobe into the plasma or serum , then briefly press the handprobe button to aspirate the sample. **A red light stays on during the sampling process.**



Remove the handprobe from the sample when the red light is flickering and you hear the beep sequence.

Once the red light is off, wait for the "**Fill rotor**" message on the screen then gently wipe the handprobe tip.

Place the tip on the edge of the left well of the rotor (indicated by the hollow triangle). Briefly press the handprobe button to deliver the diluted sampling into the rotor.

Wipe the handprobe tip to avoid carryover.

4- Run the second dilution (1/61) :

- Repeat the previous steps with the right chamber of the rotor (with the plain triangle) after pushing the right key .

⇒ The screen displays : "Diluent 2: 600 µl" then "Sample 2: 10 µl".

- When the rotor is filled with both dilution, **put the cap firmly into both chambers ports** to ensure a good seal.



Rotors must be analyzed within 5 minutes after filling.

5- Press key to start the analysis.

Choose the bank (dog, cat, horse, etc.) and select IONO as rotor type by using the arrows and validate with the Enter key. The analysis lasts about 14 minutes.