Using the VetStat™ Electrolyte and Blood Gas Analyzer

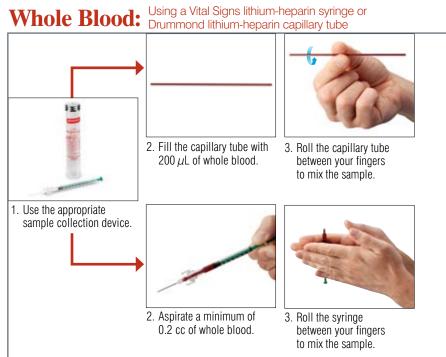
IDEXX VetStat™

Sample Collection and Preparation

The VetStat™ Electrolyte and Blood Gas Analyzer is designed to analyze whole-blood, serum or plasma samples. To ensure maximum accuracy, it is important that you always prepare the sample properly when analyzing electrolyte and blood gas parameters.

Refer to your VetStat™ Operator's Guide for complete instructions.

■ Sample Preparation



Using an untreated syringe Whole Blood: and a lithium-heparin collection tube

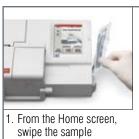


When using an evacuated tube, such as a Vacutainer® tube, allow the sample to draw naturally into the tube by vacuum.

*Certain syringes may not fit properly onto the VetStat cassettes. For best results, use a BD® 1-mL syringe.



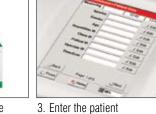
Running a Test



cassette bar code.



2. Wipe both sides of the cassette with a lint-free wipe. Insert the cassette into the sample measurement chamber (SMC), and close the cover.



information and then tap Finish. NOTE: Patient information can be entered before, during or after the sample analysis.



4. Mix the patient sample 5. Read the results. and expel any air bubbles. Attach it to the sample cassette and tap OK.





6. Remove and discard the sample cassette. Close the SMC cover.

Quick Tips for Best Practices

- · Use only lint-free wipes to wipe the sample cassette.
- Do not use EDTA or oxalate anticoagulants as these have significant affects on certain electrolyte and blood gas values.
- · Avoid air bubbles in your samples as this will interfere with the sample analysis.
- Run the standard reference cassettes (level 1 or 3) daily. Running both levels is recommended.
- · Run quality control monthly.

For assistance, call **IDEXX Technical Support at** 1-800-248-2483.

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