

# Using the VetTest® Chemistry Analyzer





## Sample Selection and Preparation

The VetTest® Chemistry Analyzer is designed to analyze either serum or plasma samples. To ensure maximum accuracy, it is important that you always prepare the sample properly when analyzing blood chemistry parameters.

Please refer to your VetTest® manual for complete instructions.





## Sample Preparation

### Serum

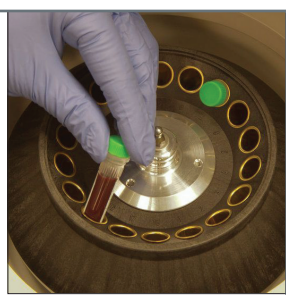

			
<p>1. Use the appropriate tube.</p>	<p>2. Use the appropriate sample collection device.</p>	<p>3. Draw the sample gently. Transfer if necessary.*</p>	<p>4. Let the sample clot for a minimum of 20 minutes. <b>Proceed to step 5</b></p>

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







### Plasma

			
<p>1. Use the appropriate tube. <b>DO NOT USE EDTA.</b></p>	<p>2. Use the appropriate sample collection device.</p>	<p>3. Draw the sample gently. Transfer if necessary.* Use the correct blood-to-lithium-heparin ratio.</p>	<p>4. Gently invert the sample for 30 seconds to mix. <b>Proceed to step 5</b></p>



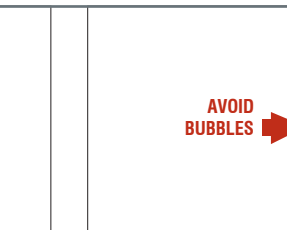


\*When using an evacuated tube, such as a Vacutainer® tube, allow the sample to draw naturally into the tube by vacuum.

<p>5. Centrifuge the samples at least 120 seconds at a minimum of 12,000 Relative Centrifugal Force (RCF). Refer to your centrifuge operator's manual for centrifugation settings and times.</p> 
<p>6. Transfer the serum or plasma to a sample cup.</p> 

## Running a Test

		<p><b>1 BEEP</b></p> 	<p><b>2 BEEPS</b></p> 	<p><b>3 BEEPS</b></p> 	
<p>1. Enter NEW SAMPLE on the VetTest analyzer and follow the screen prompts to enter patient information. Insert slides when prompted.</p>	<p>2. Place the patent-pending VetTest pipette tip securely on the pipettor.</p>	<p>3. Keep the pipettor vertical. BEFORE pressing the button, place the tip in the center of the sample. Press the pipettor button. You will hear <b>1 BEEP</b>; ensure the sample is being aspirated into the tip.</p>	<p>4. At <b>2 BEEPS</b>, remove the pipettor from the sample cup.</p>	<p>5. At <b>3 BEEPS</b>, wipe the tip of the pipette with a lint-free wipe.</p>	<p>6. Examine the aspirated sample to ensure you have not captured an air bubble. Replace the pipettor in the analyzer's holder. The rest of the testing process occurs automatically.</p>

## Quick Tips for Best Practices

		<p><b>AVOID BUBBLES</b></p> 	<p><b>NORMAL</b></p> 	
<p>Use only the patent-pending VetTest pipette tips.</p>	<p>Avoid contaminating the sample with EDTA. An EDTA-contaminated sample often has a calcium value of zero and also affects most other analytes.</p>	<p>Visually inspect the sample before and after aspiration. A quick look will tell you if there are foreign particles or air bubbles that can cause inaccurate spotting of the slide. If you detect either, simply cancel your test run and repipette the sample with a new tip.</p>	<p>The small air cushion at the tip is normal.</p>	<p>Run quality control monthly.</p>

For technical assistance call:

**1-800-248-2483**