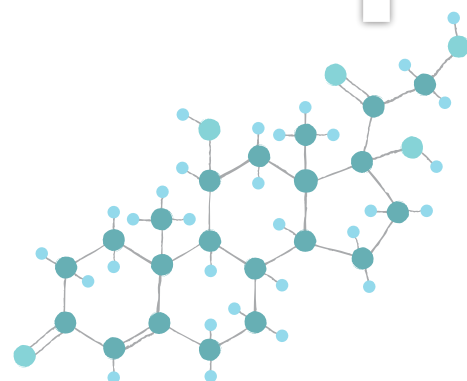


miniCHEM Veterinary Chemistry Test Disc

For Veterinary Use Only



miniCHEM veterinary chemistry test disc, a one-time test product, is used in conjunction with miniCHEM Veterinary Coagulation and Chemistry Combo Analyzer to quantitatively detect various biochemical values in anticoagulated whole blood, plasma or serum. Detecting the concentration or activity of these substances in the blood is of great significance for the auxiliary diagnosis of related diseases.

【Packaging】

10 disc/Box

【Specimen】

Venous blood samples of whole blood or plasma anticoagulated with lithium heparin (green top tube), or serum

Note: Do not use EDTA anticoagulant for testing

【Specimen collection】

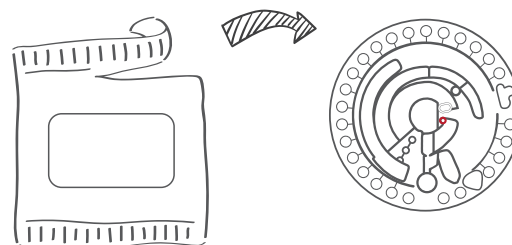
- The required sample volume for each test is 140 μ L ; when using serum or plasma as the sample, please draw 2-3 times the amount of whole blood to ensure a sufficient sample volume.
- Sample collection, storage and testing must use plastic products or siliconized glass products.
- Samples should avoid hemolysis or contamination caused by tissue fluid.
- When using lithium heparin blood collection tubes to collect samples, the tubes should be at least half full; when using sodium citrate blood collection tubes, enough blood should be collected to maintain the correct ratio of sample to anticoagulant.
- When mixing blood with anticoagulant, invert gently at least five times to mix thoroughly, do not shake vigorously.
- Please use the samples within 60 minutes of sample collection. If it cannot be tested in time, the plasma should be separated and stored at 2 to 8°C, and should not exceed 6 hours.

- Plasma: Fresh collected venous blood is anticoagulated with lithium heparin (Li- Heparin, green top tube), mix thoroughly, collect anticoagulated whole blood, and centrifuge at 3000 rpm for 15 minutes to collect plasma.
- Whole blood: Fresh collected venous blood is anticoagulated with lithium heparin (Li- Heparin, green top tube), mix thoroughly, collect anticoagulated whole blood and used directly.
- Serum: Use additive-free vacuum sample collection tubes or serum separation tubes.

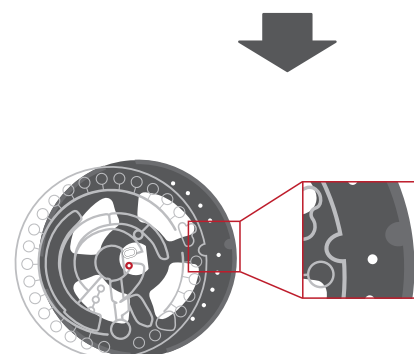
【Testing steps】

- The reagent disc should be stored at 2~ 8°C. Before use, please take it out and warm it to room temperature for 10 minutes. *** The reagent disc is individually sealed and must be used within 30 minutes after opening.**
- Take the reagent disc out of the aluminum bag, place it on a horizontal table, use a 200 μ L pipette and turn the scale to 140. Take 140 μ L sample and inject the sample into the reagent disc through the "sample" injection hole (red circle). Use a 1000 μ L pipette and turn the scale to 750. Take 750 μ L diluent and inject the diluent through the "Diluent" injection hole (white circle) into the disc. *** Do not touch the tip of the dropper when adding the sample, and avoid adding air bubbles.**
- Open the lid of the instrument, fix the reagent disc horizontally on the tray rack, close the lid and click the start button in the middle to start the test.

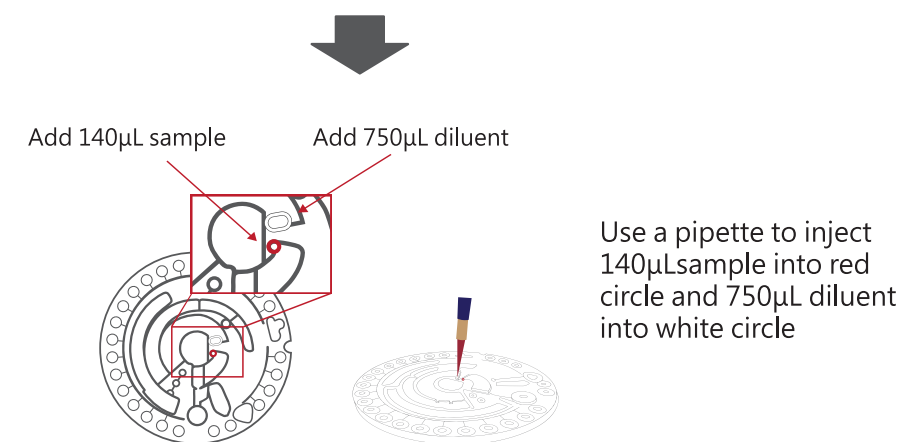
Warning: Please wear dust-free gloves for operation. When placing the test disc, please hold the edge of the disc and do not touch other parts of the disc.



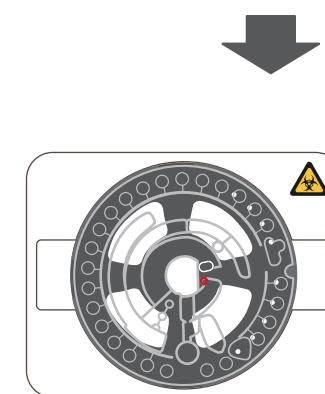
Take refrigerated disc out and warm it for 10 minutes at room temperature. Then, take the disc out of the sealed bag.



Fix the reagent tray on the tray rack
*** Align the groove of the reagent disc with the groove of the tray rack and gently press to fix the reagent disc**



Use a pipette to inject 140 μ L sample into red circle and 750 μ L diluent into white circle



Place the reagent disc and tray rack into the instrument, close the lid and start testing according to the instructions.
*** Align the central hole of the test disc with the inner bracket of the instrument and confirm that the test disc remains level and stable.**

【Storage and shelf life】

- Storage temperature: 2°C-8°C; shelf life: 12 months after production
- Do not store in places exposed to direct sunlight or in environments exceeding 30 °C.

【Precautions】

- This product is for in vitro diagnosis of animal diseases use only.
- Please pay attention to the shelf life before use, and do not use the test disk beyond the shelf life. The test disk is a disposable consumable, please do not reuse it.
- The used test disc, anticoagulation collection tube and dropper tip are all disposable products. Please do not reuse them. After use, please discard them according to your country's biomedical waste disposal regulations.