



Sulfonamides Rapid Test Kit

(Art. NO. STW005.03.02)

【Product description】

This Kit (Art. NO. STW005.03.02) is used for the qualitative determination of Sulfonamides in urine based on the colloidal gold immunochromatography technology. The test has been validated for urine. The Sulfonamides rapid test kit is convenient, fast, sensitive, and can be used for on-site large-scale screening.

【Detection Limit】

Urine:

Sulfonamides	Detection limit	Sulfonamides	Detection limit
Sulfadimethoxine	100 ppb (ng/mL)	SulfanItran	100 ppb (ng/mL)
Sulfamethazine	100 ppb (ng/mL)	Sulfisomidine	100 ppb (ng/mL)
Sulfamethoxypyridazine	100 ppb (ng/mL)	Sulfamethoxazole	100 ppb (ng/mL)
Sulfapyridine	100 ppb (ng/mL)	Sulfaquinoxaline	100 ppb (ng/mL)
Sulfamonomethoxine	100 ppb (ng/mL)	Sulfamerazine	100 ppb (ng/mL)
Sulfameter	100 ppb (ng/mL)	Sulfathiazole	100 ppb (ng/mL)

【Components provided】

1. Test strip, 40 pcs / kit.
2. Droppers.
3. Instruction manual.

【Storage instructions】

1. Store the kit at $20\pm 5^{\circ}\text{C}$ ($59\sim 77^{\circ}\text{F}$), and do not freeze the components of the test kit.
2. The test is valid for 12 months. No quality guarantee can be assumed after the expiration date on the kit label.

【Test Procedure】

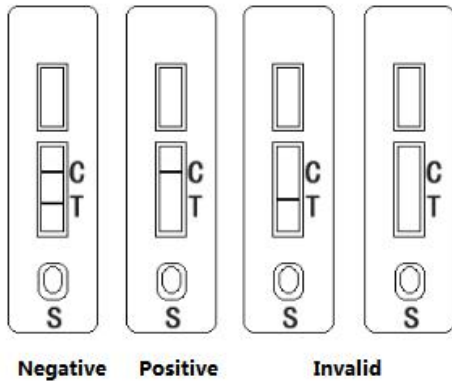
1. Please read the entire manual carefully before starting your experiment. Allow the test kit and samples to reach room temperature ($20\pm 5^{\circ}\text{C}/59\sim 77^{\circ}\text{F}$) before use.
2. If the urine sample is relatively cloudy, centrifuge the sample for 5 min with $4000\times g$ at room temperature or stand the sample until settle.



3. Take out appropriate number of strips and label them, add 3 drops sample into the sample well (S).
4. 3-5 min after sample addition, interpret the result based on C Line (Control Line) and T Line (Test Line). (See the Result interpretation)

【Result interpretation】

1. Visual interpretation



- 1 Negative : T Line and C Line are both red
- 2 Positive : C Line is red, T line does not show any color
- 3 Invalid : Strip does not develop a C Line. The corresponding sample should be retested.

2. Interpretation with strip reader

Please refer to the manual of reader.

【Notes】

1. Make sure the tests are performed with the accurate incubation time, especially when lots of tests are performed in parallel.
2. Test should be finished within 1 hour.
3. This strip is for single use only.
4. Please do not use if the package is broken, or dirty or out of expiration date.
5. This kit is for screening test only, positive result should be further confirmed with other methods.
6. All wastes should be properly decontaminated prior to disposal. Disposal should be in accordance with local, regional, and national regulations.

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