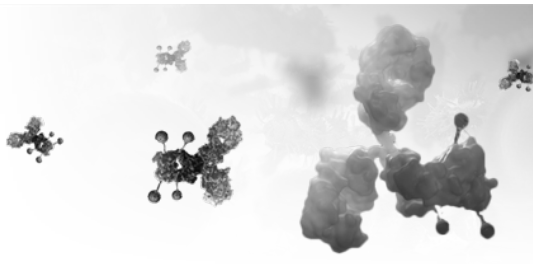

Sulfanilamides Rapid Test Strip (Honey) (DTA1003)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Size	96T
Intended Use	The Sulfanilamides Rapid Test Strip is a competitive immunoassay for the detection of the presence of sulfanilamides residue in honey sample.
Reagents And Materials Provided	1. Sulfonamides test strips 8 strips / bottle, 12 bottles 2. Red powder microwells 8 wells 3. Sample dilution 1 bottle 4. Desiccants 2 pieces/bottle 5. Product Manual 1 pieces
Storage	Stored the kit at 4-8°C, sealed and dry, protected from light. DO NOT FREEZE.
Specimen Collection And Preparation	Honey
Reagent Preparation	1. Weigh 3±0.05 g honey, add 3 mL deionized water, shake for 2 min; 2. Add 7 mL ethyl acetate, shake for 5 min, centrifuge at 4000 r/min for 5 min; 3. Pipette 4 mL of the supernatant into a glass tube and blow dry at 56 °C under a stream of nitrogen or air. 4. Add 0.5 mL of n-hexane, first dissolve the residue completely (if not completely dissolved, it may lead to unstable test results), then add 0.45 mL of the sample dilution, shake and mix for about 30 s, let stand, wait until it is layered. Absorb the supernatant (if emulsification occurs, centrifuge at 4000 r/min for 5 min). 5. Pipette 200 µL of the lower layer (water layer) for inspection (try to avoid the upper layer).
Assay Procedure	1. Please read the instructions carefully before use and return the test strips and samples to room temperature. 2. Take out the required microwells and test strips from the kit, making proper marks. Then seal the cap of the bottles, avoid moisture. (Please use the strips as soon as possible within 1 hour).

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	3. Pipette 200 µL of the sample into the micropore, slowly suction for five times until the mixture is even, and no solid to be observed with the naked eye (this step is very important). 4. After incubating for 5 minutes at room temperature (20-25°C), the labeled strips were inserted into the microwells (the end with the MAX printed down, and make it fully immersed in the solution). 5. After the test strip is immersed in the microwells for 5-8 min, the results should be judged according to the schematic diagram, and the other time interpretation is invalid.
Interpretation Of Results	1. Negative: Control line (C line) developed red color, the color of test line (T line) is stronger than the C line or there is no significant difference with the C line, indicating that the sample does not contain sulfanilamides or its concentration is below the detection limit. 2. Positive: Control line (C line) developed red color, and the color of T line is significantly weaker than the C line or the T line does not develop color, indicating that the sulfanilamides concentration in the sample is equal to or higher than the detection limit. 3. Invalid: There is no red band on the C line and the T line, or no red band appears on the C line but a red band appears on the T line; indicating that the reagent card has expired, or is improperly operated, and another test is required. If it continues to occur, please contact us.
Detection Range	Sulfanilamides Residue Detection Range (ng/mL or ppb) Sulfamethoxydiazine 1ppb Sulfamethazine 1ppb Sulfathiazole 1ppb Sulfamonomethox ine 1ppb Sulfadiazine 1ppb Sulfamerazine 3ppb Sulfadimidine 5ppb Sulfamethoxypyridazine 10ppb Sulfamethoxazole 10ppb Sulfaquinoxalin 10ppb
Specificity	This product does not cross-react with other drugs such as streptomycin, tetracycline and quinolones.
Precautions	1. Test strips are used at room temperature for one time; do not use expired test strips. 2. Disposable tips are not reusable to avoid cross-contamination. 3. Do not to touch the white film surface in the center of the test strip during use; avoid direct sunlight and direct fan blow. 4. Tap water, distilled water or deionized water cannot be used as a negative control. 5. If you encounter any problems with the test, please contact the supplier.

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