

MD-BIO

MD-Bio Fentanyl Test Strip Operational Training



Course Details

1. Product Overview

- What is the SFYL Fentanyl Test Strip
- Product Options
- Technology
- Core Applications

2. Instructions for Use

- Basics of Use
- Interpreting Results

3. Sampling Methods

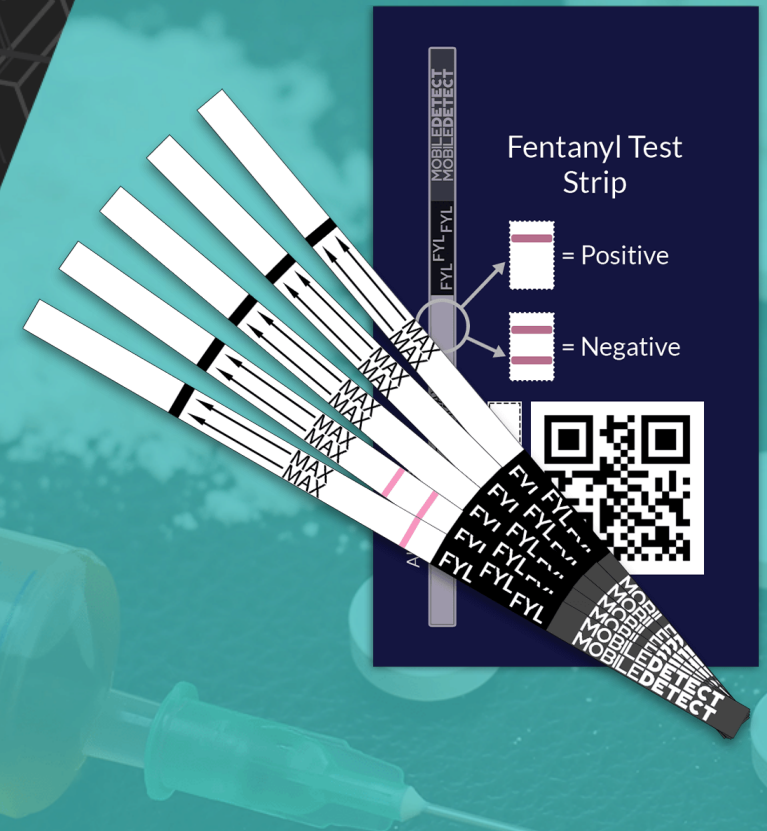
- Best Practices

4. FAQ and Troubleshooting



Product Overview

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What is the SFYL Fentanyl Test Strip?

Ultra-sensitive trace fentanyl detection test strip designed for Harm Reduction Programs.

- Our most sensitive test specifically and solely designed for fentanyl detection
- Safely test pills and powders
- Easy to use with rapid, clear results in seconds
- Optional kits with buffer solution and swabs included



Product Options



Single Kits with Pre-Filled Buffer Solution Tube and Swab



Test Strips Only

Customized Kit Solutions

Instructions on the bag

Area to add some text

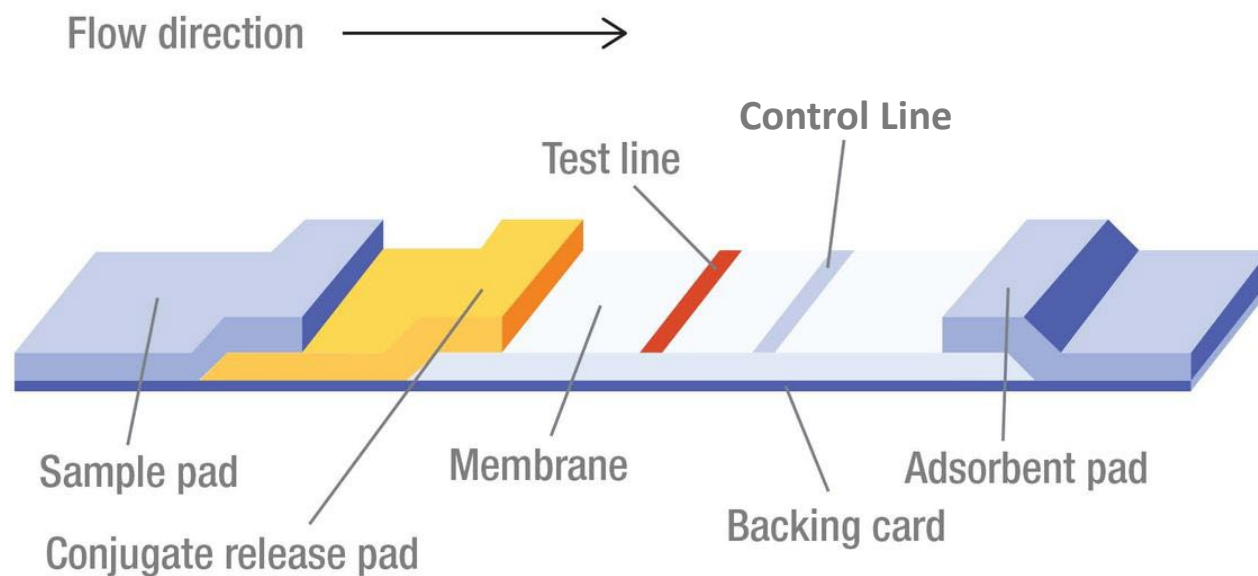
Add a QR code

Show off your logo



The Technology: Lateral Flow Immunoassay

- Lateral flow assay (LFA) is a widely used paper-based test that detects the presence of an analyte (fentanyl) in a prepared sample. The assay has reagents that flow across the paper, along with the sample being tested, that can then be captured by molecules stuck to the paper strip.



Fentanyl Analogue
Fentanyl
Acetyl Fentanyl
Furanyl Fentanyl
p-Fluoro Fentanyl
Ocfentanil
Valeryl Fentanyl
3-Methyl Fentanyl
Cyclopropyl Fentanyl
Butryl Fentanyl
4-Fluoroisobutyryl Fentanyl
Carfentanil
Remifentanil
Sufentanil

Core Applications

- Testing suspected fentanyl pills including blue, white and rainbow variations.
- Testing white powders.
- Testing paraphernalia such as syringes, cook spoons, etc.



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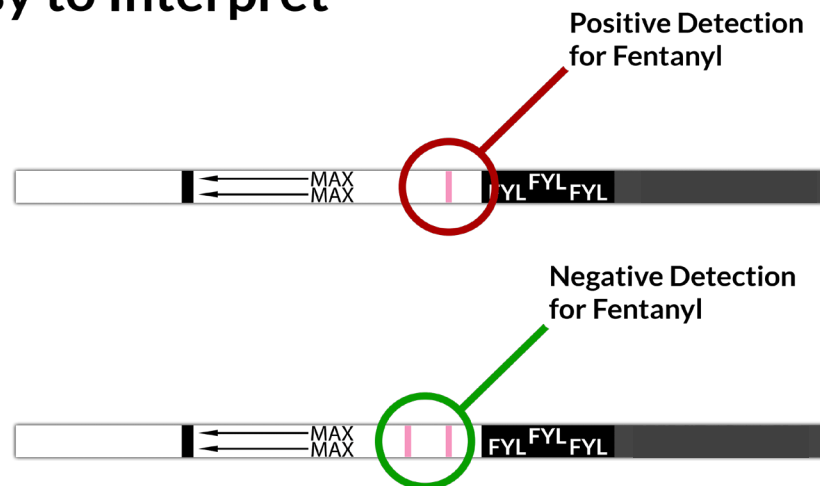


Visual Detection

Each test strip has a simple binary result that can be read for a user-determined result.

1 line is positive. 2 lines is negative.

Easy to Interpret



How to Use the Fentanyl Test Strip



Test Strip Quick Start Instructions

www.DetectaChem.com

1. Wet swab tip by dipping swab into buffer tube



2. Swab substance



3. Insert swab into tube



Wait 15 seconds.

4. Insert test strip into tube



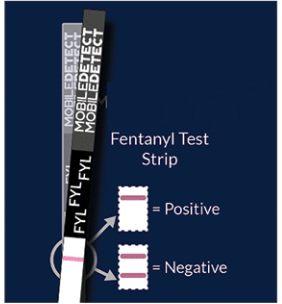
Wait 15 seconds.

5. Remove test strip from tube and lay on analysis area



Wait 60 seconds.

6. Use analysis chart to determine test result



One line indicates a positive result. Two lines indicate a negative result.

Easy to Interpret

Positive Detection for Fentanyl

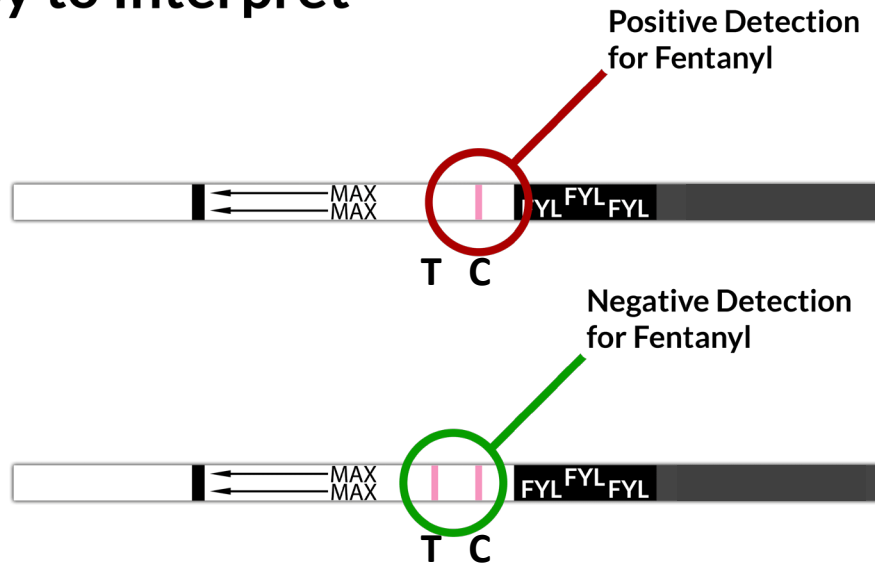


Negative Detection for Fentanyl



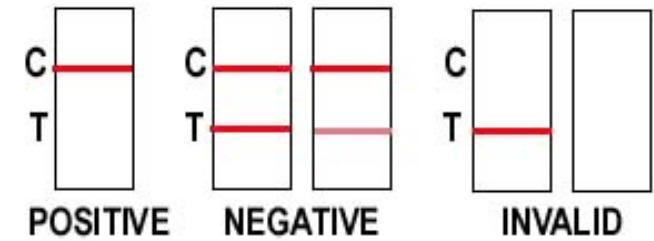
Interpreting Results

Easy to Interpret



C = Control Line

T = Test Line



Any second line, even if faint, commonly called a 'ghost line' indicates a Negative result. Although rare, there is a small chance that a very faint second line may indicate an amount of fentanyl below the limit of detection of the test.

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Sampling Methods

Pills

- It is highly recommended that you saturate the sampling swab in the included buffer solution BEFORE sampling pills.
- After wetting, directly swab the surface of the pill then continue testing. Same procedure applies for blue, white, rainbow variations.
- If multiple pills, swab more than just one when gathering your sample. It is possible that not every pill will have fentanyl contained.
- In many cases you can also sample the residue on inside of the bags containing the pills.



Sampling Methods

Direct Powder

- Wet the swab in buffer solution prior to testing.
- Directly swab a small amount of the substance and proceed with test.



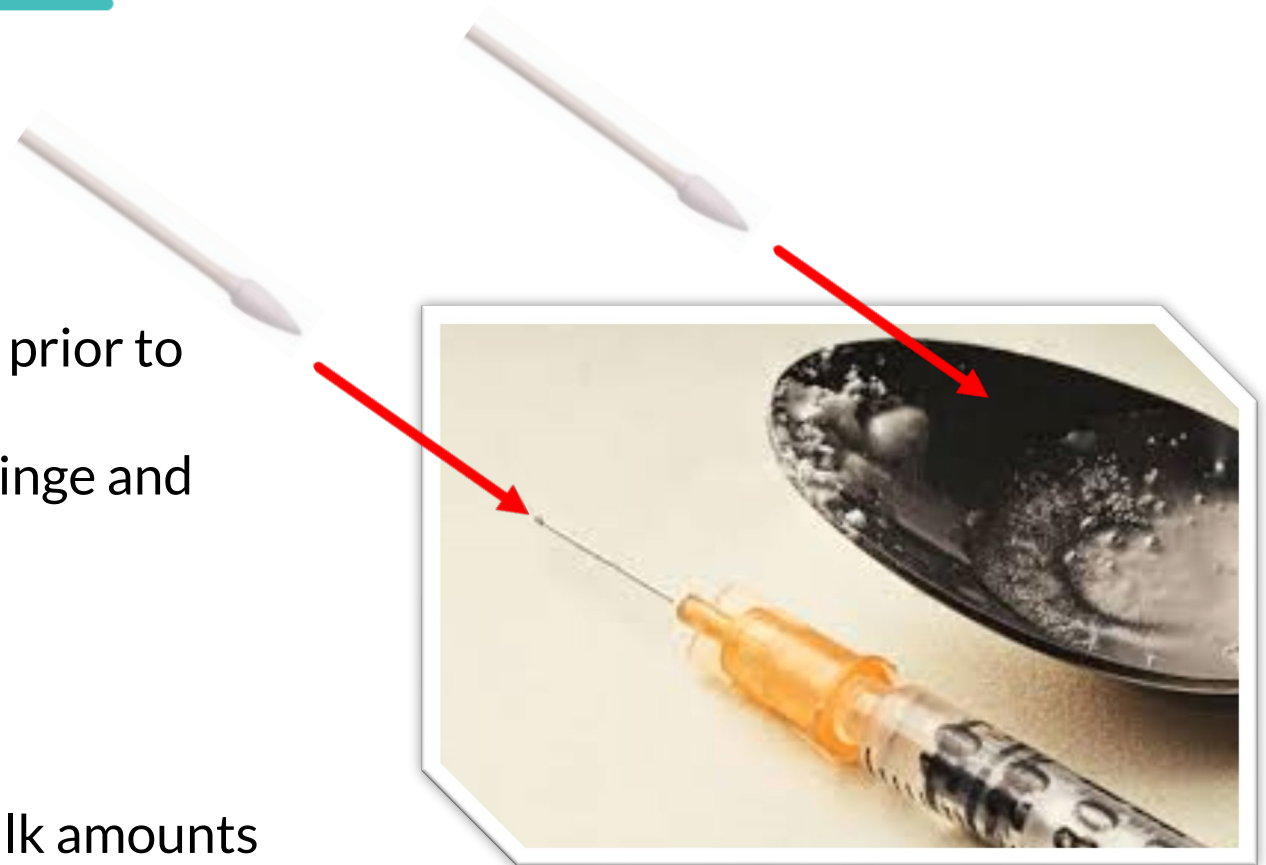
Sampling Methods

Syringes

- Wet the swab in buffer solution prior to testing.
- Swab the injection tip of the syringe and proceed with test.

Cook Spoons, Etc.

- If spoon is dry with no visible bulk amounts of product, wet swab in buffer solution first. If spoon has bulk visible product or is wet, wetting the swab before testing is not necessary



FAQ and Troubleshooting

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How should SFYL Fentanyl Test Strips be stored and what is the shelf life?

For best results, store in a temperature range of 39-86°F (4-30°C). Store in dry conditions and do not expose to moisture. Test strips have a shelf life of two years from the manufacturer date. Be sure to read and follow all test strip instructions.

Are there limitations and testing considerations?

SFYL Fentanyl Test Strips do not measure the quantity or potency of fentanyl present in a drug sample. The test strips also have an extremely low detection threshold and may detect incidental contamination of a drug sample, such as contamination by other drugs being packaged in the same area.

Can this test all fentanyl analogues?

Although other analogues may be detected, the primary list includes:

Fentanyl Analogue
Fentanyl
Acetyl Fentanyl
Furanyl Fentanyl
p-Fluoro Fentanyl
Ocfentanil
Valeryl Fentanyl
3-Methyl Fentanyl
Cyclopropyl Fentanyl
Butryl Fentanyl
4-Fluoroisobutyryl Fentanyl
Carfentanil
Remifentanil
Sufentanil

Can I swab directly with the strip?

No. Do not sample any substance with the test strip. Sampling should only be performed with the sampling swab and then added to the buffer solution. The test strip is only designed to be inserted into the buffer solution.

Questions and Support

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Email Support@MDBio.com

Call +1 844-433-8328

Visit www.MDBio.com

