

REF FYL-1CAP156-25

# Rapid Response™ Fentanyl Test Cassette (Urine)

**DRUG SCREENING**
**CLIA WAIVED**

For use at the Point-of-Care

 For *in vitro* diagnostic use only

**CPT Code: 80305QW (Waived)**

Presumptive drug test with results read by direct optical observation.

The Rapid Response™ Fentanyl Test Cassette is a rapid qualitative immunoassay for the detection of fentanyl in human urine at the cut-off concentration of 1ng/mL. This single drug test cassette can provide accurate and fast results in just 5 minutes. The Rapid Response™ Fentanyl Test Cassette is **CLIA Waived** and intended for use at the point of care.

Fentanyl is a synthetic opioid related to the phenylpiperidines.<sup>1</sup> Fentanyl is approximately 100 times more potent than morphine and 50 times more potent than heroin.<sup>2</sup> Fentanyl is commonly prescribed for moderate to severe pain relief.<sup>3</sup> As of 2018, fentanyl and its analogs are responsible for the majority of drug poisoning deaths in the United States. Due to the potency of fentanyl, it poses an extremely high drug poisoning risk especially when used with other drug substances.<sup>4</sup> Serious adverse effects of fentanyl include respiratory depression, hallucinations, low blood pressure, and death. Continued use of fentanyl can lead to opioid use disorder.<sup>1</sup>

## Kit Content

- 25 Test cassettes and droppers
- 1 Product insert

## Details

**Sample:** Urine

**Format:** Cassette

**Time-to-Result:** 5 minutes

**Storage Condition:** 35.6-86°F/ 2-30°C

**Test Principle:** Lateral Flow Assay


## Low Cut-off Level of 1ng/mL

The lower cut-off level enhances sensitivity for precise detection of fentanyl.



## Point-of-Care Testing

User-friendly fentanyl rapid test is designed for a seamless and effortless testing procedure.



## Results in 5 Minutes

Our fentanyl test provides swift and rapid results in just 5 minutes, enabling prompt and informed decision-making.



## Easy Specimen Collection

Streamline the testing process with hassle-free batch specimen collection, convenient for bulk testing.



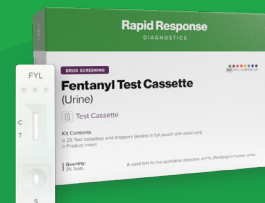
## High Accuracy

At 1ng/mL, the test accurately identifies potential exposure, providing confidence and reliable results.

1. Baselt RC. Disposition of Toxic Drugs and Chemicals in Man. 2nd ed. Davis: Biomedical Publications; 1982.  
 2. NIDA. Fentanyl DrugFacts. National Institute on Drug Abuse website. <http://nida.nih.gov/publications/drugfacts/fentanyl>. June 1, 2021 Accessed April 5, 2023.  
 3. Gilman AG, Goodman LS, Gilman A, eds. Goodman and Gilman's The Pharmacological Basis of Therapeutics. 6th ed. New York: Macmillan; 1980.  
 4. NIDA. Drug Overdose Death Rates. National Institute on Drug Abuse website. <https://nida.nih.gov/research-topics/trends-statistics/overdose-death-rates>. February 9, 2023 Accessed April 5, 2023.

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# Rapid Response™ Fentanyl Test Cassette

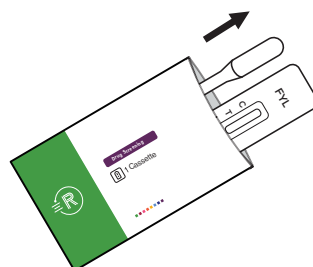


## Testing Procedure



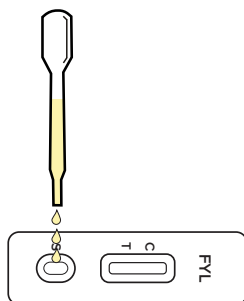
1

Collect urine specimen in a clean, dry container.



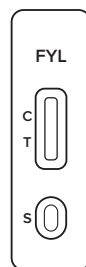
2

Remove the test cassette from the sealed pouch. Place the test cassette on a clean and level surface.



3

Hold the dropper vertically and add 3 drops of urine to the specimen well (S) of the test cassette.

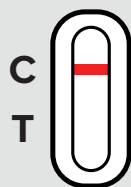


4

Start the timer. Wait for the colored line(s) to appear. Read results at 5 minutes.

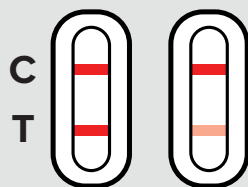
These instructions are for illustrative purposes only. Please read the instructions supplied with the test before use.

## Result Interpretation



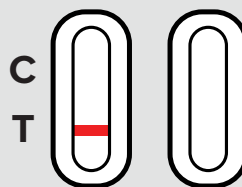
### Positive/ Non-Negative

One colored line appears in the control line region (C). No line appears in the test line region (T).



### Negative

Two colored lines appear. One colored line should be in the control line region (C) and another colored line should be in the test line region (T).



### Invalid

No line appears in the control (C). The result is invalid.

## Ordering Information

Product Code	Product Name	Contents
FYL-1CAP156-25	Rapid Response™ Fentanyl Test Cassette (Point-Of-Care)	25 Tests / Kit

To learn more contact your local **Sales Representative**, call us at **+1 888 506-2658**, or email us at **info@lochnessmedical.com**