

## Product Instruction

### Fentanyl/Xylazine/Nitazene Test Strip (liquid/powder)

Ref. No: FXN25  
For Forensic Use Only. Not for IVD

**WARNING: THIS TEST DOES NOT EVALUATE DRUG SAFETY OR PURITY**

#### [INTENDED USE]

Instanosis Fentanyl/Xylazine/Nitazene Test Strip (liquid/powder) is a rapid immunoassay visual test for the qualitative detection of fentanyl, xylazine and nitazene in suspicious substances at the cut-off concentration of 2 ng/ml for fentanyl, 10 ng/ml for xylazine and 50 ng/ml for nitazene.

#### [COMPONENTS]

- Individually packed test strips
- Product Instruction

#### [PROCEDURE AND RESULT INTERPRETATION]

- For powders, it is recommended to completely dissolve about 0.5 mg of sample in about 5 ml (1/5 oz) of water.
- For liquid samples, use directly.
- Follow the instructions on the back.

#### [LIMITATIONS]

- The product is for forensic use and should only be used for the qualitative detection of fentanyl, xylazine and nitazene.
- A contaminated or tainted sample may give false results.



- Technical or procedural errors may cause false results.
- Other chemicals may interfere with the test and cause false results.
- This test provides only a preliminary result. A more specific alternative method must be used to obtain a confirmed analytical result. Clinical consideration and professional judgment should be exercised with any drug of abuse test result, particularly when the preliminary test result is positive. Gas or liquid chromatography/mass spectrometry is the preferred confirmatory method.

#### [PRECISION]

Test precision was determined by blind tests with control spiked solutions. Solutions with fentanyl concentration at 50% of the cut-off (1 ng/ml) yielded negative results. Solutions with fentanyl concentration at 150% of the cut-off (3 ng/ml) yielded positive results. Solutions with xylazine concentration at 50% of the cut-off (5 ng/ml) yielded negative results. Solutions with xylazine concentration at 150% of the cut-off (15 ng/ml) yielded positive results. Solutions with nitazene concentration at 50% of the cut-off (25 ng/ml) yielded negative results. Solutions with nitazene concentration at 150% of the cut-off (75 ng/ml) yielded positive results.

#### [SPECIFICITY]

The following compounds were identified to cause false positive results for fentanyl at 5 minutes when tested at indicated concentrations:  
risperidone: 10 µg/ml; isoxsuprine: 10 µg/ml

The following compounds were identified to cause false positive results for xylazine at 5 minutes when tested at indicated concentration:  
clonidine: 0.35 µg/ml

The following compounds were found not to cause false positive when tested at a concentration of 100 µg/ml or higher:

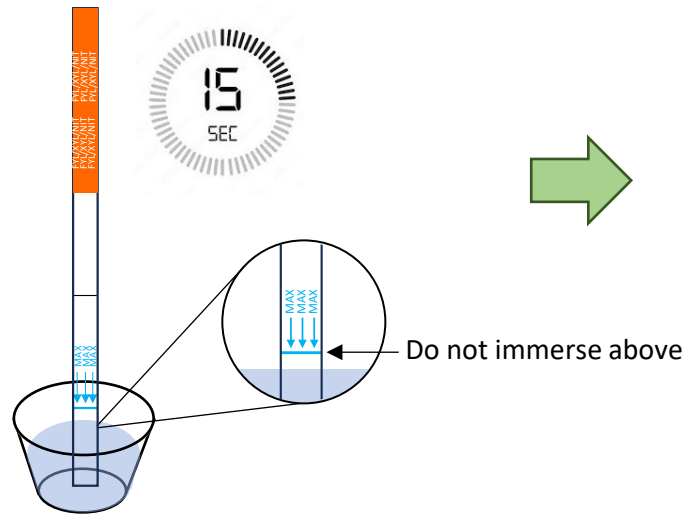
1-(3-chlorophenyl) Piperazine	Desipramine	Loperamide	Pentazocine
2-methoxymethcathinone	Dextromethorphan	Maprotiline	Perphenazine
6-Acetyl morphine	Diclofenac	M-Chlorophenylpiperazine	phenacetin
Acetaminophen	Diflunisal	MDMA	Phencyclidine
Acetone	Digoxin	Medetomidine	Phenelzine
Acetophenetidin	Dihydrocodeine	Meperidine	Phenobarbital
Acetylsalicylic acid	Diphenhydramine	Meprobamate	Pipamperone
Albumin	DL-Tryptophan	Metamizole	Prednisone
Albuterol	DL-Tyrosine	Methadone	Procaine
Aminopyrine	Doxepin	Methamphetamine	Propoxyphene
Amitriptyline	Duloxetine	Methapyrilene	Propranolol
Amobarbital	Ecgonine methyl ester	Methaqualone	Pseudoephedrine
Amoxicillin	EDDP	Methoxyphenamine	Quinidine
		Metonitazene citrate (except for nitazene)	Quinine
Amphetamine	EMDP	Metronidazole	Ranitidine
Ampicillin	Ephedrine	Morphine	Riboflavin
Apomorphine	Erythromycin		Risperidone (except for fentanyl)
			Salicylic acid
Ascorbic acid	Ethanol	Morphine-3-glucuronide	Secobarbital
Aspartame	Etomidate	N-Acetylprocainamide	
Atropine	Fenopropfen	NaCl	
	Fentanyl (except for fentanyl)		Serotonin
Benzilic acid	Fluoxetine	Nalidixic acid	Sulfamethazine
Benzocaine	Fluphenazine	Naloxone	Sulindac
Benzoic acid	Furosemide	Naltrexone	Tapentadol
Benzoylcegonine	Galactose	Naproxen	
Bilirubin	Gamaglobulin	Niacinamide	Tetrahydrocortisone
Boric acid	Gentisic acid	Nicotine	Tetrahydrocortisone 3-acetate
Buprenorphine	Glucose	Nifedipine	Tetrahydrozoline
Buprenorphineglucuronide	Haloperidol	Norbuprenorphine	Theophylline
Bupropion	Hemoglobin	Norcodeine	Thiamine
Caffeine	Heroin	Norethindrone	Thioridazine
Carbamazepine	Hydralazine	Norketamine	Tilidine
Ceftriaxone	Hydrochlorothiazide	Normeperidine	Tramadol
Chloral hydrate	Hydrocodone	Normorphine	Tramadol-N-Desmethyl
Chloramphenicol	Hydrocortisone	Noroxycodone	Tramadol-O-Desmethyl
Chlorothiazide	Hydromorphone	Nortriptyline	Trazodone
Chlorpromazine		Noscapine	Triamterene

Cholesterol	Hydroxytyramine	Octopamine	Trifluoperazine
Ciprofloxacin	Ibuprofen	Oflaxacin	Trimethoprim
Clomipramine	Imipramine	O-Hydroxyhippuric acid	Tyramine
Clonidin (except for xylazine)	Isoproterenol	Oxalic acid	Urea
	Isotonitazene (except for nitazene)	Oxazepam	Uric acid
Cocaine	Isoxsuprine (except for fentanyl)	Oxolinic acid	Valproic acid
Codeine	Ketamine	Oxycodone	Venlafaxine
Cortisone	Ketoprofen	Oxymetazoline	Verapamil
Cotinine	Labetalol	Oxymorphone	Xylazine (except for xylazine)
Creatinine	Levorphanol	Papaverine	Zomepirac
Cyclobenzaprine	Lidocaine	Penicillin G	β-Estradiol
Deoxycorticosterone			

SYMBOL	MEANING
	Consult instruction for use
	Batch code
	Catalog number
	Do not reuse
	Store between 36-86°F (2-30°C)
	Use by date
	Do not use if package is damaged

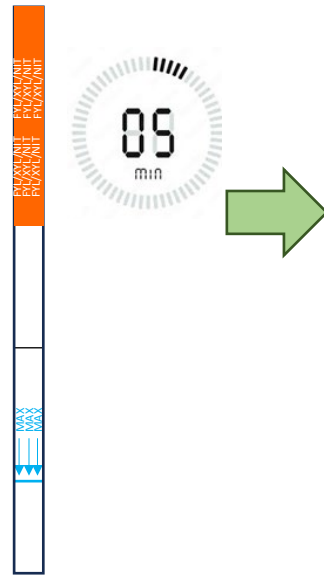
#### Manufactured By:

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Email: [support@instanosis.com](mailto:support@instanosis.com)    Toll Free: 1-800-946-5430  
Hours of Operation: Monday – Friday    9am – 5pm (EST)



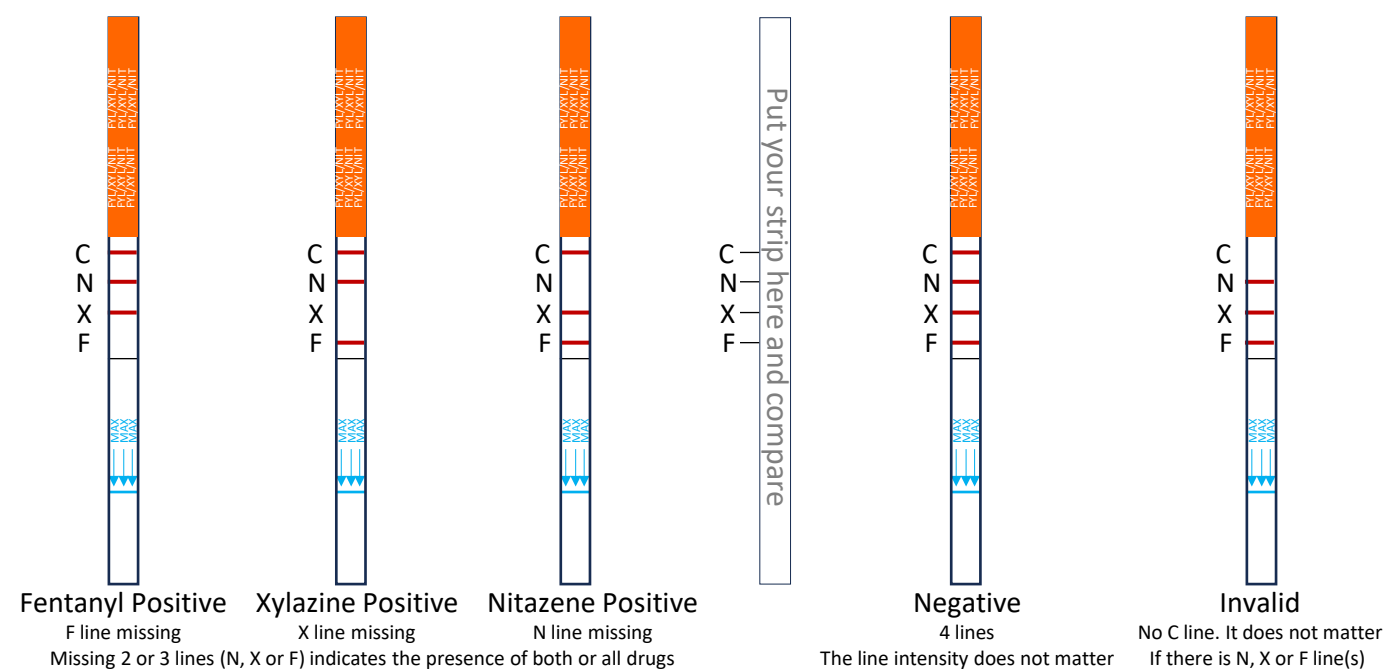
### Step 1

Dip the strip in the liquid and hold for 15-20 seconds. You should see liquid migrating up.



### Step 2

Take the strip out and place it on a non-absorbent flat surface. Wait for 5 minutes.



### Step 3

Put the strip alongside, compare and read the result. Do not read after 2 hours.