

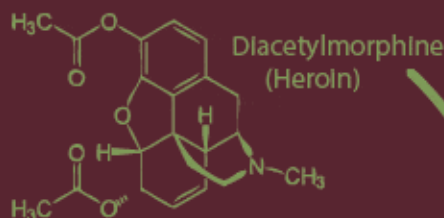
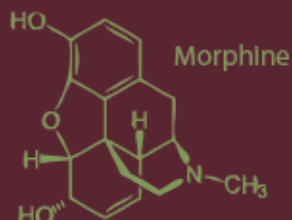
Know The Difference: Testing For Heroin

66%
Heroin Use Increased
2007 to 2011*

As the availability of prescription opioids decreases, heroin use has increased rapidly. Many donors will try to argue that a positive drug test is not the result of heroin use, but the result of legitimate prescription drug use, such as codeine that breaks down into morphine.

So, how do you know the difference?

**Chemically
Very Similar**



By testing for 6-MAM.

6-Monoacetylmorphine (6-MAM) is a metabolite that is unique **ONLY** to heroin. A hair or nail drug test that is positive for 6-MAM is an indication **6-MAM** of heroin ingestion, not prescription drug use.

*Substance Abuse and Mental Health Services Administration, Results from the 2011 National Survey on Drug Use and Health: Mental Health Findings.

What is the window of detection for heroin?

It is important to note that there is no exact window of detection for any substance. Many factors influence how an individual's body processes a substance.

<24 hours

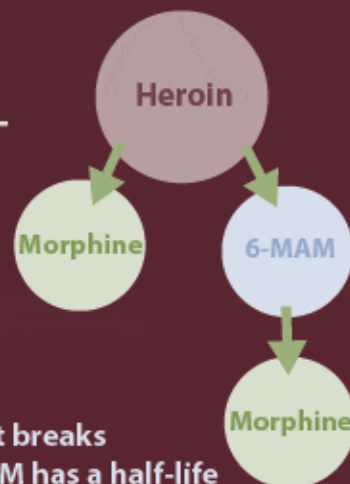
3 months

6 months

Urine

Hair

Nail



6-MAM leaves urine rapidly!

Heroin has a half-life of approximately **2-5 minutes** before it breaks down into 6-acetylmorphine (6-MAM) and morphine. 6-MAM has a half-life of approximately **6-25 minutes** before also breaking down into morphine**. This makes detection of heroin (6-MAM) in urine increasingly difficult.

Hair and nail trap 6-MAM as the body metabolizes heroin. 6-MAM is then detectable in specimens for an average of up to 3-6 months after ingestion.

*The National Highways Traffic Safety Administration, Drug and Human Performance Fact Sheet.
www.nhtsa.gov