

DRUG TEST, COTININE (NICOTINE), URINE

DESCRIPTION

This urine cotinine (nicotine) test will determine the presence of cotinine/nicotine in the system. Cotinine is the metabolite or what is left after nicotine consumption and is the test of choice to evaluate active tobacco use or exposure to tobacco in many forms. Cotinine is more stable and has a longer life in the body than nicotine. However, nicotine is highly addictive and found in tobacco, cigarettes, and many other manufactured products such as e-cigarettes used for vaping. This test is a laboratory-based test and includes a screen and confirmation if necessary.

WHY DO I NEED THIS TEST?

Nicotine is a highly addictive chemical found in tobacco, cigarettes, and many other manufactured products such as e-cigarettes used for vaping. Employers and parents alike would benefit from this test. Employers are now testing for cotinine to more accurately assess employee tobacco use. Whereas, parents are becoming more concern about their teens exposure to nicotine while engaging in e-cigarettes use for vaping.

HOW LONG WILL IT TAKE TO GET MY LAB TEST RESULTS?

When the drug screen is performed in the laboratory, the drug screen results take 24 to 48 business hours after specimen collection. If the drug screen is non-negative, the result and specimen will then need to be confirmed. Confirmation takes an additional 48 to 72 business hours after the screen is completed.

OTHER RELEVANT LAB TESTS

Urine Alcohol Test, Other Urine Drug Panels

WRITTEN BY:

EKAN ESSIEN, MD, MPH MEDICAL DIRECTOR

Ekan Essien, MD, MPH, a native Georgian, received his BA from Duke University. Dr. Essien continued his education at Florida A&M University where he received his Masters of Public Health in Epidemiology; received his medical degree from Meharry Medical College in Nashville, Tennessee; and obtained training in general and trauma surgery at Grady Memorial Hospital at Morehouse School of Medicine. He is a candidate in the post graduate fellowship in anti-aging and regenerative medicine from the American Academy of Anti-Aging Medicine.