

# CLIENT BULLETIN

*October 2017*

*Fentanyl Analogues*

Fentanyl and Fentanyl Analogues have been linked to the cause of overdose death in over 20,000 men, women and children in the United States in 2016. This reflects an increase greater than 500% over the previous three years.

Pharmaceutical Fentanyl is a powerful synthetic opioid used in surgical and other medical applications where significant pain control is required. Illegally-manufactured Fentanyl and Fentanyl Analogues are being used to strengthen the potency of Heroin, and the counterfeit manufacturing of pills branded as Oxycontin, Hydrocodone ETC. A Food and Drug Administration (FDA) study reported that 82% of fentanyl overdose deaths involve illegally manufactured fentanyl and analogues compared to 4% originating from a prescription. The data on use and abuse of these fentanyl analogues is not well understood outside of post mortem analysis as the increased use of these substances has heretofore not been included in addiction treatment drug screening.

Our Fentanyl Analogues profile screens for and quantitates the presence of the below compounds/metabolites, in urine samples. Our laboratory regularly updates the test menu as new compounds become available in the marketplace:

Butyryl Fentanyl, N-Phenyl – 1 – 4 - Piperidianamine, Furanyl Fentanyl, Ocfentanil, Acetyl Fentanyl, Alfentanil, Remifentanil, Sufentanil, Valeryl Fentanyl, Para-Fluorofentanyl, (+/-)CIS- 3- Methyl Fentanyl, Carfentanil, Nor Carfentanil

Test Code	Test Name	Cutt Off	Method	Turnaround Time	CPT Code
92161	Fentanyl Analogues	2 (ng/mL)	LCMS/MS	1 business day	G0480

This test offering will address the needs of our physicians who practice substance abuse treatment programs. For more information, please contact your sales representative. Our technical staff is also available for consultation, as needed.



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