



Overdose Biosurveillance Recommended Panel

Overdose Biosurveillance Task Force | Updated July 2026

This panel is updated by the [APHL Overdose Biosurveillance Task Force \(OBTF\)](#) at least biannually to provide test scope recommendations for non-fatal overdose biosurveillance programs. Overdose Data to Action in States (OD2A-S) Strategy 4: Biosurveillance recipients are not required to implement the updated OBTF Recommended Panels. See [Assessing Polysubstance Overdoses: An Expanded Biosurveillance Strategy for Public Health Practice](#) and [Model Opioids Biosurveillance Strategy for Public Health Practice](#) for further information on overdose biosurveillance. **Substances in rust** were added as of March 2026.

OBTF Overdose Biosurveillance Recommended Panel

Panel Class	Recommended Drugs (relevant metabolites)			
Stimulants	Standard Stimulants			Synthetic Cathinones
	- Amphetamine - Methamphetamine (amphetamine)	- Cocaine (benzoylecgonine, cocaethylene) - MDA	- MDMA (MDA) - MDEA	- Alpha-PHP/alpha-PiHP - Eutylone - N,N-Dimethylpentylone
Benzodiazepines	Standard Benzodiazepines		Illicit Benzodiazepines/Benzodiazepine Analogs	
	- Alprazolam (alpha-hydroxyalprazolam) - Clonazepam (7-aminoclonazepam) - Diazepam (nordiazepam)	- Lorazepam - Oxazepam - Temazepam	Bromazolam - Clonazepam - Etizolam	- Flualprazolam - Flubromazolam
Opioids	Standard Opioids		Fentanyl Analogs/Precursors*	Nitazenes
	6-Acetylmorphine - Buprenorphine (norbuprenorphine) - Codeine (codeine-6β-D-glucuronide) - Fentanyl (norfentanyl) - Hydrocodone (norhydrocodone, hydromorphone) - Hydromorphone - Methadone (EDDP)	- Morphine (morphine-3β-D-glucuronide, morphine-6β-D-glucuronide) - Oxymorphone - Oxycodone (noroxycodone, oxymorphone) - Tramadol (o-desmethyiltramadol)	4-ANPP - Acetyl fentanyl - Carfentanil (norcarfentanil) - Fluorofentanyl, all isomers Methylfentanyl, all isomers	- Etodesnitazene - Isotonitazene - Metonitazene - N-Pyrrolidino etonitazene - Protonitazene
Dissociatives/Hallucinogens			Kratom Alkaloids	Other Illicit Synthetic Opioids
	Ketamine (norketamine) DMT	Psilocin 4-AcO-DMT	Mitragynine 7-hydroxymitragynine Mitragynine pseudoindoxyl	2-Methyl-AP-237 - Brorphine
Cannabinoids	Delta-9-THC (11-hydroxy-THC, carboxy-THC)	THC derivatives, such as THC-O, THC-P	2F-Deschloroketamine 3-HO-PCP/4-HO-PCP	THC isomers, such as delta-8, delta-10
Other Relevant Substances	- Gabapentin - Medetomidine (3-OH-medetomidine)	Xylazine		

* Fentanyl analogue testing to include relevant analogues common at the time and to the region.

Supplemental Panel

The Supplemental Panel, added in March 2026, provides further recommendations beyond the OBTF Recommended Panel of substances for inclusion in test panels, depending on jurisdictional capability, capacity, and trends relevant to the time and region.

Panel Class	Supplemental Drugs (relevant metabolites)
Stimulants	• Methylphenidate
Dissociatives/ Hallucinogens	• PCP
Opioids	• Cyclophrine • Additional “-orphines”
Other Substances	• Tianeptine • Zolpidem • Additional “Z-drugs”

APHL Overdose Biosurveillance Dashboard

The Overdose Biosurveillance Dashboard, available at aphl.org/OD-Biosurveillance, can be used by overdose biosurveillance programs performing testing for substances included in this OBTF Panel. It includes:

Epidemiology-toxicology Tool

Provides information on the relationships between substances and metabolites to assist with interpretation of laboratory results.

Analytical Index

Provides key information related to laboratory testing and method development.