

# Are they abusing designer stimulants?

Detect the presence of 21 potentially dangerous substances found in "bath salts," "plant food" or disguised as MDMA. Now you'll know.



**EXPANDED BATH SALT DRUG TEST TO COVER 21 COMPOUNDS: 7 EMERGING DRUGS ADDED FREE.**

Synthetic stimulants are produced in clandestine labs and sold online or available at smoke shops. Promoted as "bath salts," "research chemicals," or "plant food," product labeling attempts to circumvent regulation by suggesting they are not for human consumption. Additional forms of designer stimulants may be sold as "legal" MDMA (Legal X), or sold and veiled as MDMA tablets.

Young adults in the U.S. and other countries have died from using these products. While synthetic stimulants appear to affect users in ways similar to amphetamines and cocaine, reports concerning aggression, tachycardia, paranoia and suicide suggest that they may be more acutely toxic.

U.S. Poison Control and National Drug Intelligence have all issued health warnings, noting nationwide emergency room visits related to these drugs. On October 2011, the DEA announced an emergency ban on MDPV, Methylone & Mephedrone, making testing for these substances more vital than ever.

## FEATURES AND BENEFITS

- Detects many illicitly synthesized forms of stimulants sold online and in head shops nationwide
- Quantitatively identifies active ingredients of many "legal high" products labeled as "bath salt" and "plant food," or sold as "Legal X"
- Choose from two test panels: expanded designer stimulant panel or the DEA banned panel covering MDPV, Methylone and Mephedrone
- Presence of parent drug and/or metabolites in urine confirms ingestion; average detection window up to 24-72 hours
- Performed on GC/MS and/or LC/MS/MS equipment; providing definitive synthetic stimulant biomarker test results

**Start testing designer stimulants**

**800-255-2159**

or visit: [www.redwoodtoxicology.com](http://www.redwoodtoxicology.com)



Member of the Alere group of companies.

## DESIGNER STIMULANT URINE PANELS

Complete list of cutoffs and test methods available online at: [www.redwoodtoxicology.com](http://www.redwoodtoxicology.com)**Panel P81: Designer Stimulant Panel (MDPV, Methyone & Mehedrone)**—Detects 3 DEA banned synthetic stimulants**MDPV***(Methylenedioxypropylvalerone, Cloud 9, Ivory Wave, White Lightning)***Methyone***(3,4-methylenedioxy-N-methylcathinone, bk-MDMA, MDMC, "M1")***Mephedrone***(4-methylmethcathinone [4-MMC], 4-methylephedrone, "Meph", "MCat")***Panel P80: Expanded Designer Stimulants**—Detects 21 synthetic stimulants, 7 new drugs recently added**BZP***(Benzylpiperazine)***MBDB***(Methylbenzodioxolylbutanamine, Methyl-J, "Eden")***Methcathinone***( $\alpha$ -methylamino-propiofenone, may be confused with mephedrone)***Butylone***( $\beta$ -keto-N-methylbenzodioxolylpropylamine, bk-MBDB)***mCPP***(meta-Chlorophenylpiperazine)***4-Methylethcathinone<sup>1</sup> *NEW!****([RS]-2-ethylamino-1-[4-methylphenyl]propan-1-one, "4-MEC")***Buphedrone<sup>1</sup> *NEW!****(2-[methylamino]-1-phenylbutan-1-one)***MDA***(3,4-Methylenedioxyamphetamine, tenamfetamine)***Methyone***(3,4-methylenedioxy-N-methylcathinone, bk-MDMA, MDMC, "M1")***Cathinone***(Khat or Benzoylthanamine)***MDEA***(3,4-Methylenedioxy-N-ethylamphetamine, MDEA, MDE, "Eve")***Pentredone<sup>1</sup> *NEW!****( $\pm$ -1-phenyl-2-[methylamino]pentan-1-one)***Ethylone***(3,4-methylenedioxy-N-ethylcathinone, MDEC, bk-MDEA)***MDPV***(Methylenedioxypropylvalerone, Cloud 9, Ivory Wave, White Lightning)***Pentylone *NEW!****( $\pm$ -1-[1,3-benzodioxol-5-yl]-2-[methylamino]pentan-1-one)***Eutylone *NEW!****( $\pm$ -1-[1,3-benzodioxol-5-yl]-2-[ethylamino]butan-1-one)***MDMA***(3,4-Methylenedioxymethamphetamine, ecstasy, "E", "X")* **$\alpha$ -pyrrolidinopentiophenone *NEW!****([RS]-1-phenyl-2-[1-pyrrolidinyl]-1-pentanone, PVP)***Flephedrone<sup>1</sup> *NEW!****([RS]-1-[4-fluorophenyl]-2-methylaminopropan-1-one)***Mephedrone***(4-methylmethcathinone [4-MMC], 4-methylephedrone, "Meph", "MCat")***TFMPP***(3-Trifluoromethylphenylpiperazine, "Legal X")***800-255-2159**Laboratory: 800-255-2159 // Screening Devices: 877-444-0049 // Fax: 707-577-8102  
3650 Westwind Blvd., Santa Rosa, CA 95403 // [www.redwoodtoxicology.com](http://www.redwoodtoxicology.com)