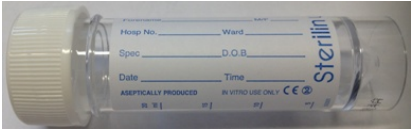


Drugs of Abuse

Synonyms	DOA, UDS, illicit drugs, 'toxicology screen'
Clinical Indication	<p>Drugs of abuse analysis is only offered as a clinical service for the treatment of drug dependence or rarely in the management of patients with suspected overdose.</p> <p>Analysis is not suitable for medico-legal purposes such as child custody or employment screening. In such cases, independent private laboratories offer a service that provides 'chain of custody' and results that are legally defensible (we do not recommend any specific laboratory).</p> <p>Spiked drink analysis: if alleged incident has occurred within the past 48 hours, a urine sample in a plain (white top) universal may be sent to the laboratory for storage and the patient should be advised to contact the police. If the alleged incident is more than 48 hours ago, any drugs that might be used in spiking drinks will have already been metabolised and excreted so screening is not worthwhile. However, the patient should still be advised to contact the police.</p>
Part of Profile / See Also	<p>Amphetamines, benzodiazepines, cannabis, cocaine, opiates, methadone metabolites.</p> <p>Additional screening for buprenorphine, ketamine, tramadol, barbiturates or mephedrone can be completed on request.</p>
Request Form	Combined Pathology manual Blood form or ICE request
Availability / Frequency of Analysis	Referral test: If specific criteria is met then samples are analysed by LC-HR-MS and immunoassay at the Toxicology Department, King's College (Synnovis 9067)
Turnaround Time	1 week
Patient Preparation	None required.
Sample Requirements	
Specimen Type	Urine (random)
Volume	10 - 20 mL
Container	 <p>White capped plain universal container</p>
Reference Range & Units	<p>Individual drugs/metabolites and drug classes are reported as either 'Positive' or 'Negative' based on European Workplace Drug Testing Society 'cut-off' concentrations.</p> <p>Cut off levels for Negative screen:</p> <p>Opiates <300 ng/mL, except 6-MAM <10 ng/mL</p> <p>Amphetamines <200 ng/mL</p> <p>Cocaine (as benzoylecgonine) <100 ng/mL</p>

Cannabis <50 ng/mL
 Benzodiazepines <300 ng/mL
 Methadone <250 ng/mL

Interferences

Creatinine is measured on all samples as a marker of sample integrity.

Interpretation & Clinical

Decision Value (if applicable)

Results are reported as 'Positive' or 'Negative' based on EWDTS cut-off concentrations and no further interpretive comment is provided.

For further information/interpretation, please contact the duty biochemist.

References

<https://www.synnovis.co.uk/our-tests/urine-drug-screen>

<https://www.ewdts.org/guidelines/>

Test code

UDOA

Lab Handling

Store primary tube in the referrals rack at 4°C. Samples are sent daily by GSG courier to King's College Hospital

