TOX – Toxicology proficiency scheme

Toxicological analyses may be undertaken on biological specimens, predominantly blood, serum and urine.

In general, analyses are undertaken for a range of substances including prescription and non-prescription drugs, illicit drugs and alcohol.

Our TOX scheme would be applicable for any laboratory undertaking clinical and/or forensic toxicology through a range of test materials relevant to these fields.

Participation in the scheme will provide independent performance assessment, confidence that results produced are meaningful and accurate.

The operation of our TOX scheme is supported by an Advisory Group consisting of members of the professional bodies, scheme participants, and others experienced in the field. The scheme reports on the performance of U.K. participants (who have clinical responsibilities) to the National Quality Assurance Advisory Panels for Chemical Pathology.

LGC Quality - ISO/IEC 17043 • ISO9001

Scheme operation

Our TOX scheme year operates from April to March and test materials are despatched twelve times per annum. Round despatch dates and reporting deadlines are available on our current TOX application form, and further information can be found in our TOX scheme description. These documents can be downloaded from our website www.lgcstandards.com

Test material	Analytes
Human serum.	Ethanol, Paracetamol (Acetaminophen), Salicylic acid.
Human blood.	Carboxyhaemoglobin, Ethanol, Paracetamol (Acetaminophen), Salicylic acid.
Urine.	Ethanol.
Lyophilised urine.	Gammahydroxybutyrate.
Whole blood.	Acetone, Ethanol, Ethylene glycol, Isopropyl alcohol, Methanol.
Human serum and urine.	Toxicology case studies include various analytes with clinical or forensic scenario.
Whole blood toxicology.	Test materials contain analytes which are pre-defined by our Advisory group and the request of participants.
*Lyophilised human serum.	Diazepam, Nitrazepam, Nordazepam, Oxazepam, Temazepam.
*Lyophilised human serum.	Zaleplon, Zolpidem, Zopiclone.

*Not included in our scope of accreditation.

For further information contact LGC Standards: @LGCStandards

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UKAS PROFICIENCY TESTING 0001

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