

**HEALTH AND SAFETY LABORATORY**  
**STANDARD BIOMEDICAL ASSAYS AVAILABLE**



Valid from 1 November 2018

All prices now include pre-paid return UK postage for samples being sent for analysis

**Online Ordering**

<b>Chemical</b>	<b>Sample</b>	<b>Analyte</b>	<b>Method</b>	<b>Price</b>
<a href="#">Arsenic</a>	Urine	Arsenic species	LC-ICP/MS	£90
* <a href="#">Cadmium</a>	Blood (EDTA)	Cadmium	ICP/MS	£24
* <a href="#">Cholinesterase</a> (both plasma and red cell)	Blood (EDTA)	Cholinesterase activity	Biochemical analyser	£48
* <a href="#">Chromium</a>	Urine	Chromium	ICP/MS	£43
<a href="#">Chromium and nickel</a> combined	Urine	Chromium and nickel	ICP/MS	£53
<a href="#">Fluoride</a>	Urine	Fluoride	Ion Selective Electrode	£60
* <a href="#">Isocyanates</a> (diisocyanates)	Urine	Corresponding diamine	GC-MS (CI-)	£60
<a href="#">Lead, ZPP and Haemoglobin</a> (together)	Blood (EDTA)	Lead	ICP/MS	£30
* <a href="#">Lead</a> (blood)	Blood (EDTA)	Lead	ICP/MS	£24
<a href="#">Methylene bis(2-chloroaniline) "MbOCA" with isocyanates</a>	Urine	Methylene bis(2-chloroaniline) "MbOCA" with isocyanates	GC-MS	£90
* <a href="#">Nickel</a>	Urine	Nickel	ICP/MS	£43

\* UKAS accredited method

Turnaround time 10 working days from receipt of samples, except for:  
 Arsenic speciation and Fluoride (20 working days)

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<b>Standard Assays</b>				
<b>Chemical</b>	<b>Sample</b>	<b>Analyte</b>	<b>Method</b>	<b>Price</b>
<a href="#"><u>Arsenic</u></a>	Urine	Arsenic species	LC-ICP/MS	£90
Benzene	Urine	S-phenylmercapturic acid (S-PMA) with cotinine (marker of smoking)	LC-MS/MS	£65 £80
*Cadmium with lead	Blood (EDTA)	Cadmium	ICP/MS	£24 £29
*Cadmium	Urine	Cadmium	ICP/MS	£43
* <a href="#"><u>Cholinesterase</u></a> (both plasma and red cell)	Blood (EDTA)	Cholinesterase activity	Biochemical analyser	£48
*Creatinine (standalone analysis)	Urine	Creatinine	Biochemical analyser	£6
* <a href="#"><u>Chromium</u></a>	Urine	Chromium	ICP/MS	£43
Chromium and nickel combined	Urine	Chromium and nickel	ICP/MS	£53
*Cobalt	Urine	Cobalt	ICP/MS	£43
Elemental Suite 1	Urine	Al, Sc, Co, Ni, Cu, Zn, Rb, Sr, Zr, Cd, Sb, Cs, Ba, Tl, Pb, Bi	ICP/MS	£43 one element + £10 for each additional element
Elemental Suite 2	Urine	V, Cr, Mn, Mo, Ni, Sn W	ICP/MS (CCT)	£43 one element + £10 for each additional element

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<b>Standard Assays</b>				
<b>Chemical</b>	<b>Sample</b>	<b>Analyte</b>	<b>Method</b>	<b>Price</b>
Ethylbenzene with xylene	Urine	Mandelic acid with methylhippuric acid	HPLC-UV	£65 £80
Fluoride ( <a href="#">special offer available online</a> )	Urine	Fluoride	Ion Selective Electrode	£60
*Haemoglobin	Blood (EDTA)	Haemoglobin	Biochemical analyser	£15
* <a href="#">Isocyanates</a> (diisocyanates)	Urine	Corresponding diamine	GC-MS (CI-)	£60
*Lead (urine)	Urine	Lead	ICP/MS	£43
* <a href="#">Lead</a> , ZPP and Haemoglobin (together)	Blood (EDTA)	Lead	ICP/MS	£30
*Lead (blood) with cadmium	Blood (EDTA)	Lead	ICP/MS	£24 £29
* <a href="#">Mercury</a>	Urine	Mercury	ICP/MS	£43
<a href="#">MEK</a> or <a href="#">MIBK</a>	Urine	MEK or MIBK	GC-MS	£65
Methylene bis(2-chloroaniline) <a href="#">MBOCA</a> <a href="#">with isocyanates</a>	Urine	Methylene bis(2-chloroaniline) MBOCA with isocyanates	GC-MS	£75 £90
*Methylene Dianiline ( <a href="#">MDA</a> )	Urine	Methylene Dianiline	GC-MS (CI-)	£60
*Nickel	Urine	Nickel	ICP/MS	£43

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Arsenic speciation, Fluoride, Selenium and Solvents (20 working days)

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<b>Standard Assays</b>				
<b>Chemical</b>	<b>Sample</b>	<b>Analyte</b>	<b>Method</b>	<b>Price</b>
<a href="#">Nickel and chromium combined</a>	Urine	Nickel and chromium	ICP/MS	£53
<a href="#">Polycyclic aromatic hydrocarbons</a>	Urine	1-hydroxypyrene	HPLC-FLD	£53
*Selenium	Urine / Serum	Selenium	ICP/MS	£55
Solvents - up to 3 named (e.g. acetone, DCM, MEK, MIBK, THF, toluene) <a href="#">Tetrachloroethene</a> (Perchloroethylene)	Urine Blood or Breath	Named solvents	GC-MS	£65 £65
Solvents Screen	<a href="#">Breath</a>	Semi-quantitative screen of solvents	GC-MS	£90
Styrene with xylene	Urine	Mandelic acid with methylhippuric acid	HPLC-UV	£65 £80
*Thallium	Urine	Thallium	ICP/MS	£43
Toluene	Urine	Toluene	Headspace-GC-MS	£65
Total protein	Urine	Total protein	Biochemical analyser	£30
<a href="#">Xylene</a> with ethylbenzene or styrene	Urine	Methylhippuric acid with mandelic acid	HPLC-UV	£65 £80
Zinc protoporphyrin	Blood (EDTA)	Zinc protoporphyrin	Spectrophotometry	£15

\* UKAS accredited method

Turnaround time 10 working days from receipt of samples, except for:

Arsenic speciation, Fluoride, Selenium and Solvents (including toluene) - 20 working days

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**Quarterly Assays - sample receipt deadline end of January, April, July and October**

<b>Chemical</b>	<b>Sample</b>	<b>Analyte</b>	<b>Method</b>	<b>Price</b>
Bendiocarb	Urine	2,2-Dimethyl-1,3benzodioxol	GC-MS	£85
Cyanide & other organonitriles	Urine	Thiocyanate	Biochemical analyser	£45
<a href="#">Cyclohexanone</a>	Urine	Cyclohexanol	GC-MS	£75
<a href="#">Dimethylacetamide</a>	Urine	N-Methylacetamide	GC-MS	£60
Dimethylformamide	Urine	N-Methylformamide	GC-MS	£60
Glyphosate	Urine	Glyphosate	LC-MS/MS	£85
<a href="#">Nitroglycerin</a>	Urine	Total nitroglycols	LC-MS/MS	£75
Cypermethrin or Deltamethrin	Urine	Total DCVA or DBVA	LC-MS/MS	£75
Other Synthetic Pyrethroids	Urine	3-Phenoxybenzoic acid	LC-MS/MS	£75
Phenol	Urine	Phenol	GC-MS	£75
Retinol binding protein	Urine	Retinol binding protein	Immunoassay	£45

These assays are run four times per year (sample receipt deadline – end of January, April, July and October). Turnaround time is 20 working days from the last day of the month. Samples may be analysed at any time with a 20 working day turnaround but will be charged at full economic cost (prior agreement is required).

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<b>Bespoke (price for up to 10 samples, &gt;10 samples at additional 5% per sample)</b>				
<b>Chemical</b>	<b>Sample</b>	<b>Analyte</b>	<b>Method</b>	<b>Price</b>
<a href="#">Acrylamide</a> or Acrylonitrile Both together	Urine	Acrylamide or Acrylonitrile mercapturic acid	LC-MS/MS	£810 £1010
Albumin	Urine	Albumin	Biochemical analyser	£300
Aniline, o-Toluidine or p-Toluidine	Urine	Aniline, o-Toluidine or p-Toluidine	LC-MS/MS	£810
Beryllium	Urine	Beryllium	ICP/MS	£520
Bromide	Urine / Serum	Bromide	ICP/MS	£400
<a href="#">Butoxyethanol</a>	Urine	Butoxyacetic acid	GC-MS	£600
Carbon disulphide	Urine	Thiothiazolidine carboxylic acid	LC-MS/MS	£810
Captan	Urine	THPI	LC-MS/MS	£810
Chlormequat	Urine	Chlormequat	LC-MS/MS	£810
Chlorpyrifos	Urine	Trichloropyridinol	LC-MS/MS	£810
Colophony/Rosin	Urine	Dehydroabietic acid	LC-MS/MS	£810
Dithiocarbamates	Urine	Ethylenethiourea	LC-MS/MS	£810
Dinoseb	Blood (EDTA)	Dinoseb	HPLC-UV	£810

Bespoke assays are run on demand. Turnaround time is 20 working days from the day of the receipt.

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<b>Bespoke (price for up to 10 samples, &gt;10 samples at additional 5% per sample)</b>				
<b>Chemical</b>	<b>Sample</b>	<b>Analyte</b>	<b>Method</b>	<b>Price</b>
Elemental Suite 3 – rare elements	Urine	Nb, Rh, Te, Ta, Os, Ir, Pt	ICP/MS	£840 one element + £100 for each additional element
Elemental Suite 4 – rare elements	Urine	Ga, Y, Pd, In, Ce, Sm, Gd, Hf	ICP/MS	£840 one element + £100 for each additional element
Epoxy resin hardeners	Urine	m-XDA, DDHM etc.	GC-MS	£810
Furfural	Urine	Furoic acid	GC-MS	£810
Hexane	Urine	Hexanedione	GC-MS	£810
Hydrogen sulphide	Blood / Urine	Thiosulphate	GC-MS	£470
*Mercury	Blood (EDTA)	Mercury	ICP/MS	£400
Metal / element - bespoke	Blood (EDTA)	e.g. Li, Si	ICP/MS	£400
Metal screen	Hair, nails, tissue	Metals	ICP/MS	£1400 per sample
Naphthalene	Urine	Naphthols	LC-MS/MS	£810
N-Methylpyrrolidone	Urine	5-Hydroxymethylpyrrolidone	LC-MS/MS	£810
Pirimicarb	Urine	5,6-dimethyl-2-(methylamino)pyrimidin-4-ol	LC-MS/MS	£810
Platinum – soluble	Filters	Platinum – soluble	ICP/MS	£620
Platinum – soluble & insoluble	Filters	Platinum – soluble & insoluble	ICP/MS	£900

Bespoke assays are run on demand. Turnaround time is 20 working days from the day of the receipt. Filter samples are subject to VAT.

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<b>Bespoke (price for up to 10 samples, &gt;10 samples at additional 5% per sample)</b>				
<b>Chemical</b>	<b>Sample</b>	<b>Analyte</b>	<b>Method</b>	<b>Price</b>
Silver	Blood (EDTA)	Silver	ICP/MS	£810
Tobacco smoke	Urine / saliva	Cotinine	LC-MS/MS	£690
Trichloroethylene	Urine	Trichloroacetic acid	LC-MS/MS	£690
Trimethylbenzene	Urine	Dimethylbenzoic acids	GC-MS	£810
<b><u>Cytotoxics</u></b>				
<b>Chemical</b>	<b>Sample</b>	<b>Analyte</b>	<b>Method</b>	<b>Price</b>
Cyclophosphamide/Ifosfamide	Wipe / Urine	Cyclophosphamide/Ifosfamide	LC-MS/MS	£570
Platinum	Wipe / Urine	Platinum	ICP/MS	£480

Bespoke assays are run on demand. Turnaround time is 20 working days from the day of the receipt. Wipe samples are subject to VAT.