

HSE TESTING AND MONITORING
STANDARD BIOMEDICAL ASSAYS AVAILABLE



Valid from 1 April 2019

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

Online Ordering

Chemical	Sample	Analyte	Method	Price
Arsenic	Urine	Arsenic species	LC-ICP/MS	£92
* Cadmium	Blood (EDTA)	Cadmium	ICP/MS	£26
* Cholinesterase (both plasma and red cell)	Blood (EDTA)	Cholinesterase activity	Biochemical analyser	£50
* Chromium	Urine	Chromium	ICP/MS	£44
Chromium and nickel combined	Urine	Chromium and nickel	ICP/MS	£54
Fluoride	Urine	Fluoride	Ion Selective Electrode	£62
* Isocyanates (diisocyanates)	Urine	Corresponding diamine	GC-MS (CI-)	£62
Lead, ZPP and Haemoglobin (together)	Blood (EDTA)	Lead	ICP/MS	£32
* Lead (blood)	Blood (EDTA)	Lead	ICP/MS	£26
Methylene bis(2-chloroaniline) "MbOCA" with isocyanates	Urine	Methylene bis(2-chloroaniline) "MbOCA" with isocyanates	GC-MS	£92
* Nickel	Urine	Nickel	ICP/MS	£44

* 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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Standard Assays				
Chemical	Sample	Analyte	Method	Price
Arsenic	Urine	Arsenic species	LC-ICP/MS	£92
Benzene	Urine	S-phenylmercapturic acid (S-PMA) with cotinine (marker of smoking)	LC-MS/MS	£66 £82
*Cadmium with lead	Blood (EDTA)	Cadmium	ICP/MS	£26 £32
*Cadmium	Urine	Cadmium	ICP/MS	£44
* Cholinesterase (both plasma and red cell)	Blood (EDTA)	Cholinesterase activity	Biochemical analyser	£50
*Creatinine (standalone analysis)	Urine	Creatinine	Biochemical analyser	£6
* Chromium	Urine	Chromium	ICP/MS	£44
Chromium and nickel combined	Urine	Chromium and nickel	ICP/MS	£54
*Cobalt	Urine	Cobalt	ICP/MS	£44
Elemental Suite 1	Urine	Al, Sc, Co, Ni, Cu, Zn, Rb, Sr, Zr, Cd, Sb, Cs, Ba, Tl, Pb, Bi	ICP/MS	£44 one element + £10 for each additional element
Elemental Suite 2	Urine	V, Cr, Mn, Mo, Ni, Sn W	ICP/MS (CCT)	£44 one element + £10 for each additional element

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Turnaround time 10 working days from receipt of samples, except for:
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Standard Assays				
Chemical	Sample	Analyte	Method	Price
Ethylbenzene with xylene	Urine	Mandelic acid with methylhippuric acid	HPLC-UV	£66 £82
Fluoride (special offer available online)	Urine	Fluoride	Ion Selective Electrode	£62
*Haemoglobin	Blood (EDTA)	Haemoglobin	Biochemical analyser	£15
* Isocyanates (diisocyanates) Any two Three or more	Urine	Corresponding diamine	GC-MS (CI-)	£62 £67
*Lead (urine)	Urine	Lead	ICP/MS	£44
Lead , ZPP and Haemoglobin (together)	Blood (EDTA)	Lead	ICP/MS	£32
*Lead (blood) with cadmium	Blood (EDTA)	Lead	ICP/MS	£26 £32
* Mercury	Urine	Mercury	ICP/MS	£44
MEK or MIBK	Urine	MEK or MIBK	GC-MS	£66
Methylene bis(2-chloroaniline) MbOCA with isocyanates	Urine	Methylene bis(2-chloroaniline) MbOCA with isocyanates	GC-MS	£78 £92
*Methylene Dianiline (MDA)	Urine	Methylene Dianiline	GC-MS (CI-)	£62
*Nickel	Urine	Nickel	ICP/MS	£44

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

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Standard Assays				
Chemical	Sample	Analyte	Method	Price
Nickel and chromium combined	Urine	Nickel and chromium	ICP/MS	£54
Polycyclic aromatic hydrocarbons	Urine	1-hydroxypyrene	HPLC-FLD	£56
*Selenium	Urine / Serum	Selenium	ICP/MS	£56
Solvents: up to 3 named (from: acetone, DCM, MEK, MIBK, THF) Toluene	Urine	Named solvents	GC-MS	£66
Tetrachloroethene (Perchloroethylene)	Urine			£66
	Blood or Breath			£66
Solvents Screen	Breath	Semi-quantitative screen of solvents	GC-MS	£92
Styrene	Urine	Mandelic acid	HPLC-UV	£66
with xylene		with methylhippuric acid		£82
*Thallium	Urine	Thallium	ICP/MS	£44
Toluene	Urine	Toluene	Headspace-GC-MS	£66
Total protein	Urine	Total protein	Biochemical analyser	£30
Xylene	Urine	Methylhippuric acid	HPLC-UV	£66
with ethylbenzene or styrene		with mandelic acid		£82
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

Chemical	Sample	Analyte	Method	Price
Bendiocarb	Urine	2,2-Dimethyl-1,3benzodioxol	GC-MS	£86
Cyanide & other organonitriles	Urine	Thiocyanate	Biochemical analyser	£46
Cyclohexanone	Urine	Cyclohexanol	GC-MS	£76
Dimethylacetamide	Urine	N-Methylacetamide	GC-MS	£62
Dimethylformamide	Urine	N-Methylformamide	GC-MS	£62
Glyphosate	Urine	Glyphosate	LC-MS/MS	£86
Nitroglycerin	Urine	Total nitroglycols	LC-MS/MS	£76
Cypermethrin or Deltamethrin	Urine	Total DCVA or DBVA	LC-MS/MS	£76
Other Synthetic Pyrethroids	Urine	3-Phenoxybenzoic acid	LC-MS/MS	£76
Phenol	Urine	Phenol	GC-MS	£76
Retinol binding protein	Urine	Retinol binding protein	Immunoassay	£46
Trichloroethylene	Urine	Trichloroacetic acid	LC-MS/MS	£76

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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Bespoke (price for up to 10 samples, >10 samples at additional 5% per sample)				
Chemical	Sample	Analyte	Method	Price
Acetamiprid	Urine	Desmethyl-acetamiprid	LC-MS/MS	£820
Acrylamide or Acrylonitrile Both together	Urine	Acrylamide or Acrylonitrile mercapturic acid	LC-MS/MS	£820 £1020
Albumin	Urine	Albumin	Biochemical analyser	£300
Beryllium	Urine	Beryllium	ICP/MS	£520
Bromide	Urine / Serum	Bromide	ICP/MS	£400
Butoxyethanol	Urine	Butoxyacetic acid	GC-MS	£600
Carbon disulphide	Urine	Thiothiazolidine carboxylic acid	LC-MS/MS	£820
Captan	Urine	THPI	LC-MS/MS	£820
Chlormequat	Urine	Chlormequat	LC-MS/MS	£820
Chlorpyrifos	Urine	Trichloropyridinol	LC-MS/MS	£820
Colophony/Rosin	Urine	Dehydroabietic acid	LC-MS/MS	£820
Dithiocarbamates	Urine	Ethylenethiourea	LC-MS/MS	£820
Dinoseb	Blood (EDTA)	Dinoseb	HPLC-UV	£820

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

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Bespoke (price for up to 10 samples, >10 samples at additional 5% per sample)				
Chemical	Sample	Analyte	Method	Price
Elemental Suite 3 – rare elements	Urine	Nb, Rh, Te, Ta, Os, Ir, Pt	ICP/MS	£850 one element + £100 for each additional element
Elemental Suite 4 – rare elements	Urine	Ga, Y, Pd, In, Ce, Sm, Gd, Hf	ICP/MS	£850 one element + £100 for each additional element
Epoxy resin hardeners	Urine	m-XDA, DDHM etc.	GC-MS	£820
Furfural	Urine	Furoic acid	GC-MS	£820
Hexane	Urine	Hexanedione	GC-MS	£820
Hydrogen sulphide	Blood / Urine	Thiosulphate	GC-MS	£480
*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	£820
N-Methylpyrrolidone	Urine	5-Hydroxymethylpyrrolidone	LC-MS/MS	£820
Pirimicarb	Urine	5,6-dimethyl-2-(methylamino)pyrimidin-4-ol	LC-MS/MS	£820
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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Bespoke (price for up to 10 samples, >10 samples at additional 5% per sample)				
Chemical	Sample	Analyte	Method	Price
Silver	Blood (EDTA)	Silver	ICP/MS	£820
Tobacco smoke	Urine / saliva	Cotinine	LC-MS/MS	£820
Trimethylbenzene	Urine	Dimethylbenzoic acids	GC-MS	£820
<u>Cytotoxics</u>				
Chemical	Sample	Analyte	Method	Price
Cyclophosphamide/Ifosfamide	Wipe / Urine	Cyclophosphamide/Ifosfamide	LC-MS/MS	£580
Platinum	Wipe / Urine	Platinum	ICP/MS	£500

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