

Pathology news

April 2013 – Referral Labs Edition

Working Together on Price & Service

We take great pride in offering specialist tests in areas such as vitamins, enzymology, toxicology, trace elements, stone analysis and pharmacogenomics.

Over the last ten years we have been at the forefront of offering improvements to efficiency and quality of centralised testing in the NHS. This continues with ever more emphasis on good value and excellent turn-round, together with clinical support and interpretation. Of special note is the research work that we are continuing to undertake on the measurement of thiopurine nucleotides, helped with a growing number of laboratories now using this test.

In 2013 we will be adding to our range of specialised tests and our next service will be for serum Infiximab levels.



Wendy, Rebecca, Valerie and Paul in the TPMT & Thiopurine Nucleotides Laboratory

New Drugs Screens and Confirmation

Our new toxicology service sees three new LC-MS/MS analysers and an LC-MSQToF now in use.

Full details are found overleaf.

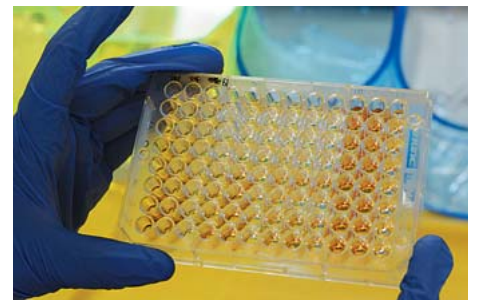
In brief...

Electronic Results

We are keen to extend the number of laboratories receiving electronic reports. We send PDF reports directly to you from our computer. Normally an 'NHS.NET' address is used but now we can also send to other addresses using encrypted PDF's.

To receive reports electronically please contact Raj Garcha, email: raj@cityassays.org.uk

Infiximab Service



Infiximab is used in the treatment of various inflammatory diseases. Monitoring is increasingly used to check therapeutic levels are being achieved. If not alternative treatment regimes are considered. We will be offering an Infiximab service to other laboratories from June 2013.

For further details please contact Dr Nicola Barlow, email: infiximab@cityassays.org.uk

Price Changes from 1st April 2013

With the growth in referred work for our faecal calprotectin service, we are able to reduce the price of this test to £35.00 with turn round remaining at 3 working days. New prices include substantial reductions for trace elements.

Specialist Assays

Prices and turn round targets* offered to NHS Contracts

*Where days are given these are working days.

Biochemistry	Turn round	Cost
ACE	3 days	£15
Bile Acids	1 day	£15
Caeruloplasmin	2 days	£10
Carotenes	5 days	£35
Faecal Calprotectin	3 days	£35
Faecal elastase-1	3 days	£32
Fructosamine	1 day	£15
Gilberts Syndrome (UGT1A1*28)	3 days	£30
Stone Analysis	5 days	£26
Thioguanine Nucleotides	2 days	£27
TPMT Service (Enzyme activity and relevant DNA)	1 day	£20
Fat soluble vitamins	Turn round	Cost
25-hydroxyvitamin D ₂ & D ₃ Serum/Plasma	2-3 days	£10
Vitamin A	2-3 days	£13
Vitamin E	2-3 days	£13
Blood spot analysis	Turn round	Cost
25-hydroxyvitamin D ₂ & D ₃	2-3 days	£20
Blood Spot Pack		£6
Stone service	Turn round	Cost
Stone Analysis	5 days	£27
Urine Citrate	5 days	£15
Urine Oxalate	5 days	£15
Urine stone screen (calcium, phosphate, citrate, oxalate, magnesium, urate)	5 days	£50
Therapeutic drugs	Turn round	Cost
Caffeine	1-2 days	£20
Clozapine & Norclozapine	2-3 days	£17
Lamotrigine	2-3 days	£17
Lithium	1 day	£8
Olanzapine	3 days	£31
Levetiracetam	4 days	£30
Melphalan	4 days	£30
Toxicology	Turn round	Cost
Caffeine & Paraxanthine	1-2 days	£20
Ethanol	1-2 hours	£30
Ethylene/Diethylene Glycol	1-2 hours	£150
	Out of hours:	£300
Methanol (methyl alcohol)	1-2 hours	£50
Sulphonyl Urea, Antidiabetic Drug Screen	2-3 hours	£85
Tricyclic Antidepressants (Total) by Immunoassay	1-2 hours	£60
Unknown Drug Screen	2-3 hours	£250
Urine Diuretic Screen	1-2 days	£90
Urine Laxative Screen	2-3 days	£90
B-Hydroxy-Butyrate (BHB)	2-3 days	£80
G-Hydroxy-Butyrate (GHB)	2-3 days	£80
Trace Elements	Turn round	Cost
Aluminium	2-5 days	£25
Arsenic	2-5 days	£20
Cadmium	2-5 days	£20

Trace elements (cont)	Turn round	Cost
Chromium	1-2 days	£20
Cobalt	1-2 days	£20
Chromium & Cobalt	1-2 days	£28
Copper	2-3 days	£20
Lead	2-3 days	£20
Manganese	2-5 days	£20
Mercury	2-5 days	£20
Nickel	2-5 days	£20
Selenium Copper & Zinc	1-2 days	£12ea.
Toxic Metals Screen	1-2 days	£100
Other Metals	2-5 days	£20

Drugs of abuse screen	Turn round	Cost
Saliva Collection Device (pack of 20)		£20
Oral Fluid	1-2 days	£35**
Urine	1-2 days	£35**

Current drugs of abuse panel*	
Opiates	Morphine
	DHC
	Codeine
	Heroin (6-MAM)
Opioids	Buprenorphine & Norbuprenorphine Metabolite
	Methadone & EDDP Metabolite
	Thebaine (poppy seed marker)
Amfetamines	Amfetamine
	Metamfetamine
	Ecstasy MDMA
	Ecstasy MDA
Cocaine	Cocaine metabolite
	Benzoylcegonine
Benzodiazepines	Lorazepam
	Oxazepam
	Temazepam
	Nordiazepam
	Diazepam
Street highs	Methylenedioxypropylvalerone (MDPV, bath salts)
	4-methylethcathinone (4-MEC, NRG-2)
	Mephedrone (Meow, meow)
	Cathinone (Khat)
Other drugs	PCP
	Ketamine
	Tramadol

*Includes classic drugs of abuse & newer 'street highs'
**Significant reductions for contracted work.

For medico-legal work, where a quantitation of positive results is required in addition to the screen, charges are £70.

Other drugs of abuse screening	Turn round	Cost
Amfetamine ratio (resolution of D, L isomers)	1 day	£40
Barbiturates	1 day	£60
Cannabis Screen Screen & Confirmation	1 day	£15
		£35
Other drugs detectable on the LC-QToF	1 day	£60

Contact Point

General Enquiries

info@cityassays.org.uk
Tel: 0121 507 5162

Trace Elements

elements@cityassays.org.uk
Tel: 0121 507 4137

Toxicology

toxicology@cityassays.org.uk
Tel: 0121 507 4135

cityassays.org.uk

Our website gives basic details for many of our tests.



This includes:

- Downloadable PDF files of user information leaflets
- Relevant information and background details
- Up to date details on the turn round time for the tests that we offer.



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