

## Department of Clinical Biochemistry

### Extension to Scope of Accreditation

Severn Pathology will comply with the requirements of all relevant regulatory bodies and is committed to the use of examination procedures that will ensure the acceptable quality of all tests performed and they remain fit for their intended use.

The accredited scope of activity for the department is given in the UKAS schedule. From time to time, amendments to this scope may be required, examples include addition of new tests or changes to test methodology. In such cases, the department will apply for Extension to Scope (ETS) from UKAS. The following tests are currently in this process.

Activity/Test	Sample type/s	Comments
<b>ACE</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>AFP (Tumour)</b>	Serum/plasma & fluids	ETS platform change Roche Cobas to Beckman DXI
<b>Albumin</b>	Serum/plasma & fluids	ETS platform change Roche Cobas to Beckman AU
<b>ALP</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>ALT</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>AMH</b>	Serum/plasma	ETS – platform change Beckman Access II to Beckman DXI
<b>Ammonia</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Amylase</b>	Serum/plasma & fluids/urine	ETS platform change Roche Cobas to Beckman AU
<b>AST</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>B12</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Bicarbonate</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Ca-125</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Ca15-3</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Ca19-9</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Calcium</b>	Serum/plasma & urine	ETS platform change Roche Cobas to Beckman AU
<b>Carbamazepine</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>CEA</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Chloride</b>	Serum/plasma & urine	ETS platform change Roche Cobas to Beckman AU
<b>Cholesterol</b>	Serum/plasma & fluids	ETS platform change Roche Cobas to Beckman AU
<b>CK</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Cortisol</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Creatinine</b>	Serum/plasma & fluids/urine	ETS platform change Roche Cobas to Beckman AU
<b>CRP</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Digoxin</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Direct Bilirubin</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Ethanol</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Ferritin</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Folate</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Free T3</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Free T4</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>FSH</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI



<b>gamma GT</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Glucose</b>	Serum/plasma & fluids/CSF	ETS platform change Roche Cobas to Beckman AU
<b>HCG</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>HDL Cholesterol</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Iron</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Lactate</b>	Serum/plasma & CSF	ETS platform change Roche Cobas to Beckman AU
<b>LDH</b>	Serum/plasma & fluids	ETS platform change Roche Cobas to Beckman AU
<b>LH</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Lipase</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Lithium</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Macroprolactin</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Magnesium</b>	Serum/plasma & urine	ETS platform change Roche Cobas to Beckman AU
<b>Microalbumin</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Oestradiol</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Paracetamol</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Parathyroid hormone</b>	Plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Phenobarbitone</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Phenytoin</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Phosphate</b>	Serum/plasma & urine	ETS platform change Roche Cobas to Beckman AU
<b>Potassium</b>	Serum/plasma & fluids/urine	ETS platform change Roche Cobas to Beckman AU
<b>Progesterone</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Prolactin</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Prostate Specific Antigen (PSA)</b>	<b>Serum only</b>	ETS platform change Roche Cobas to Beckman DXI
<b>Salicylate</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Sodium</b>	Serum/plasma & fluids/urine	ETS platform change Roche Cobas to Beckman AU
<b>SHBG</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Testosterone</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Theophylline</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Total Bile Acids</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Total Bilirubin</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Total Protein</b>	Serum/plasma & fluids/urine/CSF	ETS platform change Roche Cobas to Beckman AU
<b>Triglycerides</b>	Serum/plasma & fluids	ETS platform change Roche Cobas to Beckman AU
<b>Troponin T</b>	Serum/plasma	This is being replace by Troponin I and will be added as an ETS
<b>TSH</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman DXI
<b>Urea</b>	Serum/plasma & fluids/urine	ETS platform change Roche Cobas to Beckman AU
<b>Uric Acid</b>	Serum/plasma & urine	ETS platform change Roche Cobas to Beckman AU
<b>NT Pro BNP</b>	Serum/plasma	ETS platform change Roche Cobas to BioMerieux Vidas 3
<b>Unsaturated Iron Binding Capacity</b>	Serum/plasma	This is being replaced by Transferrin Saturation and will be added as an ETS
<b>Free fatty acids and Hydroxybutyrate</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU



<b>Cholinesterase activity</b>	Serum/plasma	ETS platform change Roche Cobas to Beckman AU
<b>Vitamin D</b>	Serum/plasma	ETS – platform change Beckman Access II to Beckman DXI
<b>Presumptive screening for the presence of Drugs of Abuse (cut off) :</b> Amphetamines (1000 ug/L) Barbiturates (200 ug/L) Benzodiazepines (200 ug/L) Cannabinoids (50 ug/L) Cocaine metabolite (300 ug/L) Methadone (300 ug/L) Methadone Metabolite (EDDP) (100ug/L) Opiates (300 ug/L)	Urine	ETS platform change Roche Cobas to Beckman AU
<b>Beta-hydroxybutyrate</b>	Vitreous humour	ETS platform change Roche Cobas to Beckman AU
<b>Sodium, urea, creatinine and glucose as part of coroner's screen</b>	Vitreous humour	ETS platform change Roche Cobas to Beckman AU
<b>Galactose-1-Phosphate</b>	Whole blood lithium heparin- washed red blood cells	Recently repatriated test –via tandem mass spectrometry