

Clinical Biochemistry

Test	Turnaround Time	Service Provider
17-hydroxyprogesterone	1 month	University Hospitals Birmingham
5-Hydroxyindoleacetic acid	1 month	University Hospitals Birmingham
6-Thioguanine	1 month	University Hospitals Birmingham
Adrenocorticotrophin (ACTH)	1 month	Southampton General Hospital
Alanine aminotransferase (ALT)	4 hours	Jersey General Hospital
Albumin	4 hours	Jersey General Hospital
Alcohol	4 hours	Jersey General Hospital
Aldosterone	1 month	University Hospitals Birmingham
Alkaline phosphatase (ALP)	4 hours	Jersey General Hospital
Alkaline phosphatase isoenzymes	1 month	University Hospitals Birmingham
Alpha-1 antitrypsin	1 month	University Hospitals Birmingham
Alpha-1 antitrypsin genotyping	1 month	Wessex Regional Genetics Laboratory
Alpha fetoprotein (tumour marker)	4 hours	Jersey General Hospital
Amino acids	1 month	Serum to Southampton General hospital, Urine to Birmingham Heartlands
Ammonia	4 hours	Jersey General Hospital
Amylase	4 hours	Jersey General Hospital
Androstenedione	1 month	University Hospitals Birmingham
Angiotensin converting enzyme (ACE)	1 month	University Hospitals Birmingham
Anti-Müllerian hormone (AMH)	1 month	Shrewsbury Hospital
Aspartate aminotransferase (AST)	4 hours	Jersey General Hospital
β-human chorionic gonadotropin (β-hCG)	4 hours	Jersey General Hospital
β ₂ microglobulin	4 hours	Jersey General Hospital
Bence Jones protein (BJP)	1 month	University Hospitals Birmingham
Bile acids	4 hours	Jersey General Hospital
Bilirubin	4 hours	Jersey General Hospital
Brain natriuretic peptide (BNP)	4 hours	Jersey General Hospital
C1 esterase inhibitor	1 month	University Hospitals Birmingham
C-peptide	1 month	Southampton General Hospital Exeter
C-reactive protein (CRP)	4 hours	Jersey General Hospital
Caeruloplasmin	1 month	University Hospitals Birmingham
Calcitonin	1 month	Southampton General Hospital
Calcium	4 hours	Jersey General Hospital
Calculus	1 month	University College London Hospital
Calprotectin	1 month	University Hospitals Birmingham
Cancer Antigen 125 (CA-125)	4 hours	Jersey General Hospital
Cancer Antigen 15-3 (CA 15-3)	4 hours	Jersey General Hospital
Cancer Antigen 19-9 (CA 19-9)	4 hours	Jersey General Hospital
Carbamazepine	4 hours	Jersey General Hospital
Carcinoembryonic antigen (CEA)	4 hours	Jersey General Hospital
Catecholamines	1 month	University Hospitals Birmingham
Chloride	4 hours	Jersey General Hospital
Cholesterol – high density Lipoprotein (HDL)	4 hours	Jersey General Hospital
Cholesterol – total	4 hours	Jersey General Hospital
Chromium	1 month	University Hospitals Birmingham
Chromogranin A	1 month	University Hospitals Birmingham
Clozapine	1 month	University Hospitals Birmingham
Cobalt	1 month	University Hospitals Birmingham
Complement C3 and C4	1 month	University Hospitals Birmingham
Copper	1 month	University Hospitals Birmingham
Cortisol	4 hours, 1 month	Jersey General Hospital, Southampton General Hospital
Creatine kinase (CK)	4 hours	Jersey General Hospital
Creatinine	4 hours	Jersey General Hospital
Cryoglobulins	2 weeks	Jersey General Hospital

Ciclosporin	7 days	Guy's and St Thomas' NHS Foundation Trust
Dehydroepiandrosterone sulphate (DHEA-S)	1 month	University Hospitals Birmingham
Dihydropyrimidine dehydrogenase deficiency (DPYD)	1 month	Guy's and St Thomas' NHS Foundation Trust
Digoxin	4 hours	Jersey General Hospital
Down syndrome screen	3 working days	Jersey General Hospital
Elastase	48 hours	Southampton General Hospital
Ferritin	4 hours	Jersey General Hospital
Folate	4 hours	Jersey General Hospital
Free light chains	1 month	University Hospitals Birmingham
Free triiodothyronine (FT3)[34]	4 hours	Jersey General Hospital
Free thyroxine (FT4) ³⁴	4 hours	Jersey General Hospital
Follicle stimulating hormone (FSH)	4 hours	Jersey General Hospital
γ-glutamyltransferase (GGT)	4 hours	Jersey General Hospital
Glucose	4 hours	Jersey General Hospital
Glucose tolerance test (GTT)	4 hours	Jersey General Hospital
Growth hormone	1 week	University Hospitals Birmingham
Haptoglobin	1 month	University Hospitals Birmingham
Haemoglobin A1c (HbA1c)	2 working days	Jersey General Hospital
Hyaluronic acid	1 month	University Hospitals Birmingham
Immunoglobulin E (IgE)	1 month	University Hospitals Birmingham
Immunoglobulin subclasses (IgG1, IgG2, IgG3, IgG4)	1 month	University Hospitals Birmingham
Immunoglobulins (IgA, IgG, IgM)	4 hours	Jersey General Hospital
Infliximab (biosimilar)	1 month	Guys and St Thomas' NHS Foundation Trust
Inhibin	1 month	Sheffield Protein Reference Unit
Insulin	1 month	Southampton General Hospital
Insulin-like growth factor 1 (IGF-1)	1 month	Southampton General Hospital
Iron [43]	4 hours	Jersey General Hospital
Keppra (Levetiracetam)	1 month	University Hospitals Birmingham
Ketones	4 hours	Jersey General Hospital
Lactate	4 hours	Jersey General Hospital
Lactate dehydrogenase (LDH)	4 hours	Jersey General Hospital
Lamotrigine	1 month	University Hospitals Birmingham
Lead	1 month	University Hospitals Birmingham
Lipoprotein A	1 month	University Hospitals Birmingham
Lithium	4 hours	Jersey General Hospital
Luteinising hormone	4 hours	Jersey General Hospital
Macroprolactin	1 week	Jersey General Hospital
Magnesium	4 hours	Jersey General Hospital
Microalbumin	4 hours	Jersey General Hospital
Occult blood	24 hours	Jersey General Hospital
Oestradiol	4 hours	Jersey General Hospital
Oligoclonal bands	1 month	University Hospitals Birmingham
Organic acids	1 month	University Hospitals Birmingham
Osmolality	4 hours	Jersey General Hospital
Oxalate	1 month	University Hospitals Birmingham
Paracetamol	4 hours	Jersey General Hospital
Parathyroid hormone (PTH)	4 hours	Jersey General Hospital
Phenytoin	4 hours	Jersey General Hospital
Phosphate	4 hours	Jersey General Hospital
Porphyrins[50]	1 month	Cardiff Porphyria Service
Potassium	4 hours	Jersey General Hospital
Potassium	4 hours	Jersey General Hospital
Procollagen III n-peptide (P3NP)	1 month	University Hospitals Birmingham
Progesterone	4 hours	Jersey General Hospital
Prolactin	4 hours	Jersey General Hospital
Prostatic specific antigen (PSA)	4 hours	Jersey General Hospital
Protein	4 hours	Jersey General Hospital

Protein electrophoresis	2 weeks	Jersey General Hospital
Quad test	1 week	St Bartholomew's Hospital
Renin	1 month	University Hospitals Birmingham
Rheumatoid factor	Same day	Jersey General Hospital
Salicylate	4 hours	Jersey General Hospital
Selenium	1 month	University Hospitals Birmingham
Sex hormone binding globulin (SHBG)	1 week	Jersey General Hospital
Sirolimus	1 week	Jersey General Hospital
Sodium	4 hours	Jersey General Hospital
Sodium	4 hours	Jersey General Hospital
Tacrolimus	1 month	Kings Institute of Liver Studies
Testosterone	4 hours	Jersey General Hospital
Theophylline	4 hours	Jersey General Hospital
Thiopurine methyltransferase (TPMT)	1 month	University Hospitals Birmingham
Thyroid Stimulating Hormone (TSH)	24 hours	Jersey General Hospital
Thyroglobulin (and anti-thyroglobulin antibody)	1 month	Southampton General Hospital
Transferrin	4 hours	Jersey General Hospital
Triglycerides	4 hours	Jersey General Hospital
High sensitivity Troponin I (Hs-Troponin I)	4 hours	Jersey General Hospital
Tryptase	1 month	University Hospitals Birmingham
Uric acid	4 hours	Jersey General Hospital
Urea	4 hours	Jersey General Hospital
Valproic acid	1 month	University Hospitals Birmingham
Vitamin A	1 month	University Hospitals Birmingham
Vitamin B12	4 hours	Jersey General Hospital
Vitamin D (25-Hydroxycholecalciferol)	4 hours	Jersey General Hospital
Vitamin E	1 month	University Hospitals Birmingham
Xanthochromia	24 hours	Jersey General Hospital
Zinc	1 month	University Hospitals Birmingham