

# Southwark and Lambeth Primary Care GSTT Pathology Service User – Summary of Changes to tQuest tests

Information correct as of 26.03.24  
Changes to Test Profiles:

There will be no change to Renal, Bone or Lipid profiles for GSTT Users.

Profile	Current test components	Future tests components	Additional Information
Liver	Total Bilirubin Albumin ALK Phosphatase ALT	Total Bilirubin Total Protein Albumin Globulin (calculated) ALK Phosphatase ALT AST	Gamma GT will continue to be a separately orderable test
Thyroid	TSH	There will be 2 Options: <ul style="list-style-type: none"> <li>Thyroid Profile (TSH only) (FT4 and then FT3 will be reflexed as clinically indicated)</li> <li>Thyroid Profile (FT4 and TSH)</li> </ul>	Free T3 will continue to be a separately orderable test

## tQuest catalogue changes for GSTT Users

Please note that not all of the catalogue changes will happen at the same time. The services that run them are transferring to the Hub in a phased approach, starting with Core Blood Sciences including some automated Immunology (Immunoassay) and Acute Serology from 2 April 2024, with GI (Faecal tests) on 22 April. Allergy services will be moving on 13 May.

Infection Sciences (Microbiology, Molecular Virology and remaining Serology) will start in September, and Reference Services including the rest of Immunology, Special Haematology and Nutristasis, will transfer in October.

The specific changes for each of these phases will be made immediately prior to the service migration.

## Biochemistry

Additions to catalogue
ACE
C-peptide
Fructosamine
Lamotrigine
Urine Electrolytes (random)
Androgen Profile (Testosterone/SHBG/Free Androgen Index)
Vitamin A
Vitamin E

Archived Tests
17 Hydroxy Progesterone Level
ACTH Level
Aldosterone Level
Androstenedione Level
Calcium:creatinine ratio, urine
Creatinine Clearance

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<b>Archived Tests</b>
CTX
Dehydroepiandrosterone SO4 Level
Drug Screen (Blood)
Insulin Level
P1NP
Paracetamol
Phenytoin Level (Saliva)
Porphyrin Screen
Primidone Level
Renin
Salicylate
Thyroglobulin Antibodies (no longer offered)
Troponin T

<b>Other Changes</b>
Cholesterol (total) Level will be removed as a single test. A number of other tests that were available to be ordered as single tests are being removed but are all available in appropriate panels:
<ul style="list-style-type: none"> <li>• Albumin – part of Liver, Bone and Calcium</li> <li>• Alkaline Phosphatase – part of Liver and Bone</li> <li>• ALT and AST – part of Liver and FiB-4</li> <li>• Total Bilirubin – Part of Liver</li> <li>• Creatinine – part of Renal</li> <li>• Total Protein – part of Liver</li> </ul>
25-Hydroxy Vitamin D will now be Vitamin D

**Haematology and Coagulation (will now be together in a single section on tQuest)**

<b>Additions to catalogue</b>
Clauss Fibrinogen
Blood Film testing (on advice of Haematologist only)
Platelet Count (citrate sample)

<b>Archived Tests</b>
Rodenticide
Thrombophilia Risk Factors – ‘Inherited thrombophilia testing’ will still be available
Vitamin K
Warfarin Level
Beta-2-Microglobulin
Carboxyhaemoglobin
Erythropoietin
Ham's Test
Isopropanol Stability Test
Lymphocyte Sub Sets
Methaemoglobin
P50 Screening
Plasma Viscosity
PNH Cell Marker Panel
Vacuolated Lymphocytes

**Other Changes**

Haematology Glandular Fever test is being renamed Paul Bunnell/Monospot to differentiate from the Virology Glandular Fever Panel. However, we recommend that you use Virology and there will be a pop up comment on the PB/MS tests to advise:  
*This is a rapid screening test for acute EBV infection which is prone to false positives and false negatives. Acute EBV and CMV serology (as part of a Glandular Fever Serology panel) is strongly advised instead, along with HIV Serology (HIV can also cause lymphadenopathy)*

**Virology**

**Additions to catalogue**

- Faecal Gastroenteritis Viral Panel
- Respiratory Viral Panel
- Toxoplasma Acute Serology

**Archived Tests**

- Amoebic Serology
- Avian Precipitins
- Bartonella (Rochalimaea) Abs
- BKV DNA Viral Load: Blood
- Brucella Serology
- C.burnetii serology
- SARS-COV-2 IgG and RNA testing
- Cryptococcal Antigen
- Delta virus IgG
- Dengue virus Abs
- E coli 0157 Serology
- Echinococcus Serology
- Filaria Serology
- Genital Swab -HSV and T.pallidum PCR
- Hepatitis B virus DNA Load
- Hepatitis C virus Genotype
- Hepatitis C virus RNA Load
- Histoplasma Serology
- HIV-1 and HIV-2 RNA Load
- Leishmania Serology
- Meningococcal Serology
- Rash or Rubella Contact and illness-Serology
- Rickettsia Serology
- Sandfly fever virus IgG Abs
- T. vaginalis Screen- Vagina
- Tetanus Serology
- Toxocara Serology
- Trypanosoma Serology

**Other Changes**

There will be some changes to test names but the search function should pick up any linked tests that are typed in and present associated/similar test names.  
 Anti-streptococcal Abs will now be called Anti streptolysin (ASOT)  
 Chlamydia and Gonorrhoea testing will be a single test with drop down menu to select site

<b>Other Changes</b>
INFECTION SERUM SAVE should be used for Blood Borne Virus exposure (needlestick)
Enterovirus Specific IgM is not longer available on blood samples in UK. This will be replaced by Enterovirus RNA on appropriate swab or faeces samples.
Some current viral IgM tests are being converted to Acute Serology panels. <ul style="list-style-type: none"> <li>• CMV IgM</li> <li>• Hepatitis A IgM</li> <li>• Parvovirus IgM</li> </ul> <p>This order looks for serological evidence of RECENT infection and the sample will be tested for IgM AND (unless an infant under 1y old) IgG, therefore there is no need to order IgG in addition. Requestor will be asked to provide date of symptom onset. The lab has been adding IgG manually on some tests to aid ion interpretation, however this will formalise this.</p>

**There may be some further changes to Molecular Virology in September but these will be communicated nearer the time**

**There will be no changes to Microbiology which will transfer to the Hub in the September**

**Immunology:**

<b>Additions to catalogue</b>
Anti Glomerular Basement Membrane Antibodies (GBM)
Serum Free Light Chains
T-Cell subsets

<b>Archived Tests</b>
AcetylCholine Receptor Antibody
Adenosinedeaminase
Adrenal Cortex Antibody
Anti 21-hydroxylase Antibodies
Anti Skin Antibodies
Anti Tetanus Toxoid Ab IgG
Anti Thyroid Stimulating Hormone Receptor Antibodies
AntiHaemInfluenza IgG Antibodies
Aquaporin 4 Antibodies
Basal Ganglia Antibodies
C1 Esterase Inhibitor Function
C1 Esterase Inhibitor Level
C1q Concentration
C1QA Antibody
C3 Nephritic Factor
Cardiac Muscle Antibody
Complement Alternate Pathway
Complement C2
Complement C5
Complement C5-C9
Complement Classical Pathway
Crithidia DNA IFL
Cytoplasmic Antibodies Panel

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<b>Archived Tests</b>
Ganglioside Antibodies
Glycine Antibodies
IgD Concentration
Immunoblot for Myelin Protein
Insulin Receptor
Lymphocyte Function
Mannose Binding Lectin (MBL)
Muscle Kinase Antibody
Myelin oligodend glycoprotein Antibodies
Neuro-Paraneoplastic Abs
Neuro-Paraneoplastic Antibodies
N-methyl-D-aspartate (NMDA) Receptor Antibodies
Pneumococcal Antibodies
Serotype Specific Pneumo Antibodies
Striated Muscle Antibody
Voltage Gated Ca Chnl Ab
Voltage Gated K Chnl Ab (GSTT)

<b>Other Changes</b>
We will be including the individual test components with the panel name where relevant
ANA will default to CTD but can search using either

There will be changes to the Allergy testing provision, which will be streamlined from the current whole catalogue availability, but this will not happen until May and details will be communicated nearer the time after further discussions.

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## Current GSTT common orderables available on tQuest:

### S&L – GSTT – current

<b>GSTT Immunology</b>	
<input type="checkbox"/> Coeliac Screen (GSTT)	<input type="checkbox"/> EIA anti-CCP antibodies (GSTT)
<input type="checkbox"/> Liver Autoantibodies + Gastric Parietal Ab (GSTT)	
<b>GSTT Routine Chemistry</b>	
<input type="checkbox"/> Renal Profile (Na, K, Cr, GFR) (GSTT)	<input type="checkbox"/> Liver Profile (ALT, ALP, Total Bill, Alb) (GSTT)
<input type="checkbox"/> Gamma GT (GGT) (GSTT)	<input type="checkbox"/> Bone Profile (GSTT)
<input type="checkbox"/> Lipid Profile (Chol, Trig, HDL, LDL) (GSTT)	<input type="checkbox"/> Cholesterol (total) Level (GSTT)
<input type="checkbox"/> Glucose Level (GSTT)	<input type="checkbox"/> HbA1c Level (GSTT)
<input type="checkbox"/> Gonadotrophins (LH/FSH) Level (GSTT)	<input type="checkbox"/> Prolactin Level (GSTT)
<input type="checkbox"/> PSA (GSTT)	<input type="checkbox"/> Testosterone Level (GSTT)
<input type="checkbox"/> Thyroid Profile (GSTT)	<input type="checkbox"/> Progesterone Level (GSTT)
<input type="checkbox"/> BNP (GSTT)	<input type="checkbox"/> Calcium Creatinine Ratio (GSTT)
<input type="checkbox"/> Creatinine Clearance (GSTT)	<input type="checkbox"/> CRP (GSTT)
<input type="checkbox"/> Faecal Calprotectin (GSTT)	<input type="checkbox"/> <u>Faecal haemoglobin, quantitative (FIT) (GSTT)</u>
<input type="checkbox"/> Osmolality Random Urine (GSTT)	<input type="checkbox"/> Protein Creatinine Ratio (GSTT)
<input type="checkbox"/> Urine Albumin:Creatinine Ratio (GSTT)	
<b>GSTT Routine Haematology</b>	
<input type="checkbox"/> FBC & Diff (GSTT)	<input type="checkbox"/> ESR (GSTT)
<input type="checkbox"/> Vitamin B12 (GSTT)	<input type="checkbox"/> Serum Folate (GSTT)
<input type="checkbox"/> Ferritin (GSTT)	

<b>GSTT Routine Virology</b>	
<input type="checkbox"/> HIV antigen/antibody (GSTT)	<input type="checkbox"/> Hepatitis B surface Ag (GSTT)
<input type="checkbox"/> Hepatitis C IgG Abs (GSTT)	<input type="checkbox"/> Treponemal pallidum antibodies (GSTT)
<input type="checkbox"/> Glandular fever screen plus (GSTT)	<input type="checkbox"/> Chlamydia and GC Screen - Urine (GSTT)
<input type="checkbox"/> COVID-19 RNA - Nose and Throat Swab (GSTT)	<input type="checkbox"/> COVID-19 IgG Antibody (GSTT)
<b>GSTT Coagulation</b>	
<input type="checkbox"/> INR (GSTT)	<input type="checkbox"/> Coagulation Screen (GSTT)
<b>GSTT Microbiology</b>	
<input type="checkbox"/> Microbiology Culture - Urine (GSTT)	<input type="checkbox"/> H. pylori Antigen (GSTT)
<input type="checkbox"/> Microbiology Culture - Genital (GSTT)	<input type="checkbox"/> Microbiology Culture - Faeces (GSTT)
<input type="checkbox"/> Microbiology Culture - Ear (GSTT)	<input type="checkbox"/> Microbiology Culture - Eye (GSTT)
<input type="checkbox"/> Microbiology Culture - Mouth (GSTT)	<input type="checkbox"/> Microbiology Culture - MRSA - Other (GSTT)
<input type="checkbox"/> Microbiology Culture - Nose (GSTT)	<input type="checkbox"/> Microbiology Culture - Nose Swab for Staph Auerus (GSTT)
<input type="checkbox"/> Microbiology Culture - Peg Site (GSTT)	<input type="checkbox"/> Microbiology Culture - Parnasal Swab (GSTT)
<input type="checkbox"/> Microbiology Culture - Skin Swab (GSTT)	<input type="checkbox"/> Microbiology Culture - Throat (GSTT)
<input type="checkbox"/> Microbiology Culture - Ulcer (GSTT)	<input type="checkbox"/> Microbiology Culture - Umbilical Swab (GSTT)
<input type="checkbox"/> Microbiology Culture - Wound Swab (GSTT)	<input type="checkbox"/> Mycology Culture - Fungal Dermatophytes (GSTT)

## Proposed new GSTT common orderables from April 2024:

### Proposed Changes:

<b>GSTT Immunology</b>	
<input type="checkbox"/> Coeliac Screen (anti TTG Ab) (GSTT)	<input type="checkbox"/> CCP Antibodies (GSTT)
<input type="checkbox"/> Autoantibody Screen (GSTT)	<input type="checkbox"/> Immunoglobulins (GSTT)
<input type="checkbox"/> Connective Tissue Disease (CTD) (GSTT)	<input type="checkbox"/> Rheumatoid Factor (GSTT)
<b>GSTT Routine Chemistry</b>	
<input type="checkbox"/> Renal Profile (Na, K, Cr, eGFR) (GSTT)	<input type="checkbox"/> Liver Profile (Alb, Bil, Glob, TP, AST, ALT) (GSTT)
<input type="checkbox"/> Gamma GT (GGT) (GSTT)	<input type="checkbox"/> Bone Profile (Ca, PO4, ALP, Alb) (GSTT)
<input type="checkbox"/> Lipid Profile (TC, TG, HDL, LDL, non-HDL) (GSTT)	<input type="checkbox"/> Urate (GSTT)
<input type="checkbox"/> Random Glucose (GSTT)	<input type="checkbox"/> HbA1c Level (GSTT)
<input type="checkbox"/> Gonadotrophins (LH/FSH) (GSTT)	<input type="checkbox"/> Prolactin (GSTT)
<input type="checkbox"/> PSA (GSTT)	<input type="checkbox"/> Androgen Profile (Testosterone, SHBG, FA) (GSTT)
<input type="checkbox"/> Thyroid Profile (TSH Only) (GSTT)	<input type="checkbox"/> Iron Profile (Iron, Transferrin, SAT) (GSTT)
<input type="checkbox"/> NT-PROBNP (GSTT)	<input type="checkbox"/> C-Reactive Protein (CRP) (GSTT)
<input type="checkbox"/> Urine Albumin Creatinine Ratio (ACR) (GSTT)	<input type="checkbox"/> <u>Quantitative Faecal Immunochemical Test (GSTT)</u>
<b>GSTT Routine Haematology</b>	
<input type="checkbox"/> FBC (GSTT)	<input type="checkbox"/> ESR (GSTT)
<input type="checkbox"/> INR (for Warfarin/VKA) (GSTT)	<input type="checkbox"/> Coagulation Screen (PT & APTT) (GSTT)
<input type="checkbox"/> Vitamin B12 Level (total) (GSTT)	<input type="checkbox"/> Folate Level (serum) (GSTT)
<input type="checkbox"/> Ferritin (GSTT)	<input type="checkbox"/> Reticulocytes (GSTT)

<b>GSTT Routine Virology</b>	
<input type="checkbox"/> HIV Antibody/Antigen (GSTT)	<input type="checkbox"/> Hepatitis B Surface Antigen (GSTT)
<input type="checkbox"/> Hepatitis C Virus Antibody (GSTT)	<input type="checkbox"/> Acute Viral Hepatitis: CMV/AND EBV (GSTT)
<input type="checkbox"/> Glandular Fever Plus Serology (GSTT)	<input type="checkbox"/> Treponemal Total Antibody (GSTT)
<input type="checkbox"/> Glandular Fever Serology (GSTT)	<input type="checkbox"/> Chlamydia and GC Screen - Urine (GSTT)

### No Changes to Microbiology

<b>GSTT Microbiology</b>	
<input type="checkbox"/> Microbiology Culture - Urine (GSTT)	<input type="checkbox"/> H. pylori Antigen (GSTT)
<input type="checkbox"/> Microbiology Culture - Genital (GSTT)	<input type="checkbox"/> Microbiology Culture - Faeces (GSTT)
<input type="checkbox"/> Microbiology Culture - Ear (GSTT)	<input type="checkbox"/> Microbiology Culture - Eye (GSTT)
<input type="checkbox"/> Microbiology Culture - Mouth (GSTT)	<input type="checkbox"/> Microbiology Culture - MRSA - Other (GSTT)
<input type="checkbox"/> Microbiology Culture - Nose (GSTT)	<input type="checkbox"/> Microbiology Culture - Nose Swab for Staph Auerus (GSTT)
<input type="checkbox"/> Microbiology Culture - Peg Site (GSTT)	<input type="checkbox"/> Microbiology Culture - Parnasal Swab (GSTT)
<input type="checkbox"/> Microbiology Culture - Skin Swab (GSTT)	<input type="checkbox"/> Microbiology Culture - Throat (GSTT)
<input type="checkbox"/> Microbiology Culture - Ulcer (GSTT)	<input type="checkbox"/> Microbiology Culture - Umbilical Swab (GSTT)
<input type="checkbox"/> Microbiology Culture - Wound Swab (GSTT)	<input type="checkbox"/> Mycology Culture - Fungal Dermatophytes (GSTT)