

New Immunology Service at Ipswich 2022

| Assay | Urgent Turn Around Time | Routine Turn Around Time | Reference Range | Units | Laboratory Location |
|--|-------------------------|--------------------------|---------------------------------|-----------|---------------------|
| Acetylcholine Receptor antibodies (ACRA) | | 14 days | Negative <5 x 10 ⁻¹⁰ | m/l | Oxford |
| Adrenal antibodies | | 14 days | Negative | N/A | Bart's |
| Allergy tests (RAST / Specific IgE) | | 3 days | 0.0 – 0.34 | Kua/l | CUH |
| AMPA 1&2 receptor antibodies | | 14 days | Negative | N/A | Oxford |
| ANA Hep-2 | | 7 days | Negative | N/A | Bart's |
| *ANCA MPO antibody (Primary ANCA screen) | < 6 hours | 2 day | <3.5 | IU/ml | Ipswich |
| *ANCA PR3 antibody (Primary ANCA screen) | < 6 hours | 2 day | <2.0 | IU/ml | Ipswich |
| ANCA Screen | | 7 days | Negative | N/A | Bart's |
| Antinuclear antibody(ANA CTD Screen) | | 3 days | 0 – 0.9 | Ratio | Ipswich |
| Aquaporin 4 antibodies (AQP4 or NMO) | | 14 days | Negative | N/A | Oxford |
| Aspergillus IgG | | 3 days | 0 - 40 | Mg/l | CUH |
| Beta-2 glycoprotein 1 IgG antibody | | 3 days | <7 | U/ml | Ipswich |
| Beta-2 glycoprotein 1 IgM antibody | | 3 days | <7 | U/ml | Ipswich |
| Bird Fancier's Lung antibodies | | 5 working days | 0 - 10 | Mg/l | CUH |
| C1 esterase inhibitor Antigenic Functional | | 21 days | 150 - 350 70 - 130 | mg/l % | Bart's |
| C1q antibodies | | 10 days | <15 | U/ml | Sheffield |
| C1Q quantitation | | 20 days | 50 - 250 | Mg/l | Sheffield |
| Cardiolipin IgG antibody | | 3 days | <10 | GPL-U/ml | Ipswich |
| Cardiolipin IgM antibody | | 3 days | <10 | MPL-U/ml | Ipswich |
| CASPR2 antibodies | | 14 days | Negative | N/A | Oxford |
| CH100 AP100 | | 21 days | 488 – 1150 66 – 129% | Units | Bart's |
| Crithidia Lucilliae antibodies | | 10 days | Negative | N/A | Bart's |
| CTD (ANA by ELISA) | | 3 days | 0.0 – 0.9 | Ratio | Ipswich |
| Cyclic Citrullinated peptide antibody | | 3 days | <7 | U/ml | Ipswich |
| Double Stranded DNA antibody FEIA | | 3 days | <10 | IU/ml | Ipswich |
| Endomysial antibodies | | 10 days | Negative | N/A | Bart's |
| Extractable nuclear antibody(ENA) Screen | | 3 days | Negative | N/A | Ipswich |
| Extractable nuclear antibody(ENA) typing | | 4 days | Negative | N/A | Ipswich |
| Farmer's Lung antibodies | | 5 working days | | | CUH |

Sample requirements: - Gel tube – serum sample

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|---|-----------|---------|--|----------------|-----------|
| Saccheropolyspora reactivirgula (formally Micropolyspora faeni) | | | 0 – 22 | Mg/l | |
| Thermoactinomyces vulgaris | | | 0 - 36 | Mg/l | |
| Functional antibodies | | | | | CUH |
| HIB (Haemophilus Influenzae B antibodies) | | 21 days | ≥0.15 (minimal protective) ≥1.0 (optimal protective level) | µg/ml µg/ml | |
| PNEU (Pneumococcal antibodies) | | 15 days | 0.35 (putative protective level) | µg/ml | |
| TET (Tetanus antibodies) | | 21 days | 0.10 (minimum protective level) >1.0 (optimum protective level) | IU/ml IU/ml | |
| GABA b receptor antibodies | | 14 days | Negative | N/A | Oxford |
| GAD antibodies | | | | | |
| Diabetes | | <14 | <5 | kU/L | Bart's |
| Neuroimmunology | | 10 days | 0 – 4.9 | U/ml | Oxford |
| Ganglioside antibodies | | 21 days | | | Oxford |
| GM1 | | | Negative ≤1/200 | Titre | |
| GQ1b | | | Negative ≤1/50 | Titre | |
| Gastric Parietal Cell (GPC) antibodies | | 7 days | Negative | N/A | Bart's |
| *Glomerular basement membrane antibody | < 6 hours | 2 day | <7 | U/ml | Ipswich |
| Glycine Receptor antibodies | | 14 days | Negative | N/A | Oxford |
| Haemophilus Influenzae Type B antibodies (HIB) | | 21 days | ≥0.15 (minimal protective) ≥1.0 (optimal protective level) | µg/ml µg/ml | CUH |
| Histone antibodies | | 10 days | <40 | U/ml | Sheffield |
| HMG CoA reductase antibodies (HMGCR) | | 14 days | <15 | u | Oxford |
| Insulin antibodies IgG | | 5 days | 0 - 5 | mg/L | Sheffield |
| Intrinsic factor antibody | | 7 days | <7 | U/ml | Ipswich |
| Islet Antigen 2 antibodies (IA2) | | 14 days | Islet cell Triple ELISA <8 | U/L | Bart's |
| Islet Cell antibodies | | 14 days | Negative | N/A | Bart's |
| LGI1 antibodies | | 14 days | Negative | N/A | Oxford |
| Liver antibodies | | 7 days | Negative | N/A | Bart's |
| Liver antibody line blot | | 14 days | Negative | N/A | Bart's |
| Liver Kidney Microsomal antibodies (LKM) | | 7 days | Negative | N/A | Bart's |
| M2 antibodies | | 14 days | Negative | N/A | Bart's |
| Mitochondrial antibodies (AMA) | | 7 days | Negative | N/A | Bart's |
| Muscle Specific Tyrosine Kinase antibodies (MUSK) | | 14 days | Negative | N/A | Oxford |

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|---|--|---|--|-----------------------|-----------|
| Myelin associated glycoprotein antibodies (MAG) | | 14 days | <1000 | BTU | Oxford |
| Myelin oligodendrocyte glycoprotein antibodies (MOG) | | 14 days | Negative | N/A | Oxford |
| Myositis antibody line blot | | 14 days | Negative | N/A | Bart's |
| Neuronal antibodies (Hu, Ri, Yo / ANNA 1 & 2, Purkinje) | | 14 days | Negative | N/A | Oxford |
| Neutrophil function tests NBT: DHR: fMLP E.coli PMA | | 8 days | Unstimulated cells: 0 – 20 Stimulated cells: 95 – 100 >1 – 10 >80 98 - 100 | % % % % % | GOSH |
| N-methyl-D-aspartate (NMDA) receptor antibodies | | 7 days | Negative | N/A | Oxford |
| Ovarian antibodies | | 5 days | Negative | N/A | Sheffield |
| Paraneoplastic antibodies | | 14 days | Negative | N/A | Oxford |
| Pemphigoid and/or Pemphigus antibodies | | 14 days | Negative | N/A | Bart's |
| Phospholipase A2 receptor (PLA2R) antibodies | | 14 days | <14 | RU/ml | Sheffield |
| Pneumococcal antibodies | | 15 days | 0.35 (putative protective level) | µg/ml | CUH |
| Salivary duct antibodies | | 10 days | Negative | N/A | Sheffield |
| Scleroderma antibody line blot | | 14 days | Negative | N/A | Bart's |
| Sensory Neuronal Hearing Loss antibodies (SNHL) | | 10 working days | Negative | N/A | CLS |
| Smooth Muscle antibodies (SMA) | | 7 days | Negative | N/A | Bart's |
| Specific IgE (RAST/Allergy) tests | | 3 days | <0.35 | Kau/l | CUH |
| Specific IgG Assays Aspergillus fumigatus IgG Pigeon | | 5 working days | 0 – 40 0 - 10 | Mg/l | CUH |
| Striated Muscle antibodies | | 14 days | Negative | N/A | Oxford |
| Tetanus antibodies | | 21 days | 0.10 (minimum protective level) >1.0 (optimum protective level) | IU/ml | CUH |
| Thrombospondin type-1 domain containing 7a antibodies (THSD7A) | | 14 days | Negative | N/A | Sheffield |
| Tissue transglutaminase IgA antibody | | Normal result: 3 days Abnormal result: ≤ 10 days | <7 | U/ml | Ipswich |
| Tissue transglutaminase IgG antibody | | Normal result: 3 days Abnormal result: ≤ 10 days | <7 | U/ml | Ipswich |

Sample requirements: - Gel tube – serum sample

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|---|--|---------|-----------------------------|-------------------|------------|
| Total IgE | | 3 days | ≤114 | Ku/L | CUH |
| Vascular endothelial growth factor (VEGF) | | 10 days | <771 | pg/ml | UCL Queens |
| Voltage-gated calcium channel antibodies (VGCC) | | 21 days | <45 | pM | Oxford |
| Voltage-gated potassium channel antibodies (VGKC) | | 14 days | 0 - 69 | pML ⁻¹ | Oxford |
| Zinc transporter 8 (ZnT8) antibodies | | 14 | <8 Islet cell Triple ELISA) | U/L | Bart's |

* Urgent requests must be discussed with Immunology Department (tel no : 01473 703356 / 703396)

Clinically urgent results will be phoned without delay

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