

| Test | Transfusion Related Immunology investigations |
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| Common Abbreviations | Platelet Refractoriness(HLA typing) – HLAT Transfusion Related Acute Lung Injury – TRALI/TLI Transfusion Reactions: Transfusion –associated Graft Versus Host Disease – TGVH Severe Febrile Non-haemolytic Transfusion - NHTR |
| Profile | Transfusion Related Immunology |
| Clinical indication | Immunology investigations can be undertaken for several transfusion related conditions including Platelet Refractoriness, Transfusion- related acute lung injury (TRALI) and transfusion reactions (both transfusion-associated Graft versus host disease (TaGVHD) and severe febrile non-haemolytic transfusion reaction (NHTR)) |
| Specimen type | Clotted samples and EDTA samples. |
| Sample type | HLAT - 6mls EDTA blood and 6mls clotted blood(gold topped bottle) TRALI - 6mls EDTA blood and 6mls clotted blood(gold topped bottle) TGVH and NHTR – please discuss sample requirements with H&I consultant. |
| Minimum volume | As above |
| Special precautions | A complete 3A Histocompatibility and Immunogenetics Request form is required (available from haematology HRI) Please provide details of heparin dose if appropriate. A haematology consultant must approve the request. |
| Stability | 24 hours |
| Turn-around time | 7 days |
| Referral Laboratory | H&S Serology NHSBT Bristol 500 North Bristol Park Northway Filton Bristol BS34 7QH |
| Reference interval | Details provided by referral laboratory |
| Limitations | Not specified |