

Test	Granulocyte Immunology Investigations
Common Abbreviations	AAN – Adult Autoimmune Neutropenia's (Felty's syndrome) IAN – Infant Autoimmune Neutropenia DIN – Drug related Neutropenia NAN – Neonatal Alloimmune Neutropenia
Profile	Granulocyte Immunology
Clinical indication	The diagnostic investigation of granulocyte immunology can be undertaken for adult autoimmune neutropenia's (Felty's syndrome), Neonatal alloimmune neutropenia, infant autoimmune neutropenia and drug related neutropenia
Specimen type	DIN – Drug related Neutropenia requests require a sample of the implicated drug, together with the pharmacological concentration used, needs to be sent with the samples.
Sample type	AAN – Clotted Blood (gold topped bottle) IAN – Clotted Blood (gold topped bottle) and Whole blood (EDTA) DIN – Clotted Blood (gold topped bottle) and a sample of the implicated drug see above NAN – Maternal samples – Clotted Blood (gold topped bottle) and Whole blood (EDTA) Paternal samples – Whole blood (EDTA) Infant samples – Whole blood (EDTA)
Minimum volume	AAN – 6mls Clotted Blood (gold topped bottle) IAN – 2mls Clotted Blood (gold topped bottle) and 2mls Whole blood (EDTA) DIN – 6mls Clotted Blood (gold topped bottle) NAN – Maternal samples – 6mls Clotted Blood (gold topped bottle) and 6mls Whole blood (EDTA) Paternal samples – 6mls Whole blood (EDTA) Infant samples – 1ml Whole blood (EDTA) - if possible
Special precautions	A complete 3E Histocompatibility and Immunogenetics Request form is required (available from haematology HRI) A haematology consultant must approve the request.
Stability	24 hours
Turn-around time	21 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