

Title	Reference*	Contract period
Nucleic Acid Technology (NAT) Testing	NHSBT0708, NHSBT1445, NHSBT1446	June 2015 - April 2023
Hepatitis E (HEV)	NHSBT0834, NHSBT1147, NHSBT1448	Dec 2016 - April 2023
Molecular Screening	NHSBT0891, NHSBT1449, NHSBT1450	Aug 2017 - Feb 2024
Primary Blood Grouping	NHSBT0554	Feb 2014 - Dec 2022
Syphilis	NHSBT0882	Nov 2016 - Dec 2022
Secondary Blood Grouping	NHSBT0750	Aug 2016 - Aug 2023
Mircobiology Serology	NHSBT0329	Dec 2012 - Dec 2022
Bacterial Screening		
Column Agglutination Testing	NHSBT1193	Aug 2020 - Aug 2022
HLA Antibody detection and definition	NHSBT0765, NHSBT1249	Mar 2021 - Mar 2025
HLA Rapid typing	NHSBT0766, NHSBT1250	Feb 2021 - Feb 2025
COVID	Reference	Contract period
ELISA-based IgG assay	NHSBT1389	May 2020 - Nov 2021
Devices to test COVID	BSP2415	Yearly maintenance
	*Reference in black is current	

Supplier	3rd party suppliers (Purpose/device name)
Roche Diagnostics Ltd	Hamilton (Poolers and Archivers)
Roche Diagnostics Ltd	N/A
Grifols UK Ltd	N/A
Beckman Coulter Ltd	N/A
Newmarket Biomedical Ltd	N/A
Immucor Ltd	Tosoh (Sickle)
Abbott Laboratories Ltd	Launch (DS2), Biomedical Data Solutions (Software), Hamilton (Archiving)
bioMerieux	
Bio-Rad Laboratories	N/A
VH Bio and Immucor	N/A
VH Bio and Alpha Biotech	N/A
Supplier	
Euroimmun	
Launch Diagnostics Ltd	

Summary
Screening for all blood donors and non-blood donors for NAT (hepatitis B virus (HBV), hepatitis C virus (HCV), human immunodeficiency virus (HIV) and West Nile Virus (WNV)
Screening for all blood donors and non-blood donors for Hepatitis E (HEV)
Microbiology Services Laboratory (MSL) undertake NAT confirmatory testing on any repeat testing of reactive samples found during screening (HIV 1&2, HBV, HCV and HEV NAT) and is also used for deceased donor screening.
Devices test for: ABO group, Full Rh phenotype, Kell typing, Atypical antibody screen, High titre anti-A and anti-B screening, M, S, s, Cw, Jka, Jkb and other red cell phenotypes, Serological Syphilis antibody testing
Supply of syphilis kits which are used on the device provided by Beckman Coulter (Primary Blood Grouping).
Devices test for: ABO (repeat testing), RhD (repeat testing), Neat Antibody screening (repeat testing), Paediatric antibody screening (neat screening), Antibody titre testing (1:10 & 1:50 dilutions), Antibody identification (ID), Fya, Fyb, k, Kpa, Lua, Sickle (HbS detection)
See sheet 2
Column agglutination based system to undertake ABO/D types, Rh and other red cell phenotypes, antibody screens and antibody identification on referred samples
Detecting IgG antibodies against all currently known HLA class I and class II antigens
HLA typing test kits MUST detect, as a minimum, all alleles of the HLA-A, B, C, DRB1, DRB3/4/5, DQA1, DQB1, DPA1 and DPB1 loci
Summary
Call-off order for the purchase of Anti-SARS-CoV2 IgG ELISA via PHE framework agreement.
Purchased four DS2 devices via PHE framework agreement.

Table 2:	
High throughput automated equipment*	Discretionary testing*
<ul style="list-style-type: none"> Hepatitis B (HBsAg) 	<ul style="list-style-type: none"> Cytomegalovirus (CMV) IgG
<ul style="list-style-type: none"> Human immunodeficiency virus (HIV 1&2 Ab/Ag) 	<ul style="list-style-type: none"> Malarial antibody (anti-malaria)
<ul style="list-style-type: none"> Hepatitis C (anti-HCV) 	<ul style="list-style-type: none"> Hepatitis B antibodies (anti-HBc** & anti-HBs)
<ul style="list-style-type: none"> Syphilis antibodies 	<ul style="list-style-type: none"> Trypanosome cruzi (anti-T. cruzi)
<ul style="list-style-type: none"> Human T- lymphotropic virus (anti-HTLV) 	*On selected donations
	** anti-HBc is a mandatory requirement on all non-blood donor samples
*automated instrumentation to enable sample sorting, archiving for long-term storage of plasma samples.	

Alternative testing for blood donors*
• HbsAg
• anti-HIV1&2 Ag/Ab
• anti-HCV
• anti-syphilis
• anti-HTLV
<i>*(Approximately 3000 donations per year)</i>