

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



8351

Accredited to
ISO/IEC 17043:2010

Velindre University NHS Trust, operating UKNEQAS for Histocompatibility and Immunogenetics

Issue No: 004 Issue date: 26 June 2020

Welsh Transplantation &
Immunogenetics Laboratory

Welsh Blood Service

Ely Valley Road

Talbot Green

Pontyclun

South Glamorgan

CF72 9WB

Contact: Deborah Pritchard

Tel: +44 (0)1443-622185

Fax: +44 (0)1443-622001

E-Mail: ukneqashandi@wales.nhs.uk

Website: <https://neqas.welsh-blood.org.uk/>

Proficiency Tests provided from the above address only

DETAIL OF ACCREDITATION

Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
Blood	<p>Scheme 1A HLA Phenotyping Phenotyping for: HLA-A HLA-B HLA-Cw HLA-DR HLA-DQ By serological or serological and DNA based techniques.</p>	See website https://neqas.welsh-blood.org.uk/ for scheme details
Blood	<p>Scheme 1B HLA-B27 Testing Determine presence or absence of HLA-B27 specificity or HLA-B27 alleles</p>	See website https://neqas.welsh-blood.org.uk/ for scheme details
Blood and serum	<p>Scheme 2A Cytotoxic Crossmatching Determine the cytotoxic crossmatch status for cell/serum combinations using T lymphocytes, peripheral blood lymphocytes and B lymphocytes, with and without dithiothreitol.</p>	See website https://neqas.welsh-blood.org.uk/ for scheme details
Blood and serum	<p>Scheme 2B: Crossmatching by Flow Cytometry Determine the flow cytometry crossmatch status for cell/serum combinations using T lymphocytes and B lymphocytes</p>	See website https://neqas.welsh-blood.org.uk/ for scheme details



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Serum	<p>Scheme 3: HLA Antibody Specificity Analysis Identification of HLA class I and Class II antibodies.</p>	See website https://negas.welsh-blood.org.uk/ for scheme details
Blood	<p>Scheme 4A1 : DNA HLA Typing at 1st Field Resolution HLA class I and class II typing using DNA-based techniques at 1st field level of HLA allele resolution.</p>	See website https://negas.welsh-blood.org.uk/ for scheme details
Blood	<p>Scheme 4A2: DNA HLA Typing to 2nd or 3rd Field Resolution HLA class I and class II typing using DNA-based techniques to 2nd or 3rd field level of HLA allele resolution</p>	See website https://negas.welsh-blood.org.uk/ for scheme details
Blood	<p>Scheme 5A: HFE Typing Testing for : H63D (Hist63Asp) mutation C282Y (Cys282Tyr) mutation S65C (Ser65Cys) mutation</p>	See website https://negas.welsh-blood.org.uk/ for scheme details
Clinical scenarios	<p>Scheme 5B Interpretive: HFE genotype and Hereditary Haemochromatosis Interpretation of clinical scenarios</p>	See website https://negas.welsh-blood.org.uk/ for scheme details
Serum	<p>Scheme 6: HLA Antibody Detection Detection of antibodies: HLA Class I HLA Class II</p>	See website https://negas.welsh-blood.org.uk/ for scheme details



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Blood	Scheme 7: HLA-B*57:01 Typing for Drug Hypersensitivity Detecting the presence or absence of the HLA-B*57:01 allele	See website https://neqas.welsh-blood.org.uk/ for scheme details
Blood DNA	Scheme 8: HLA Genotyping for Coeliac and other HLA associated diseases HLA typing using DNA-based techniques to determine allele families/alleles to the 1st and 2nd field resolution level and determine the presence or absence of specific alleles.	See website https://neqas.welsh-blood.org.uk/ for scheme details
Blood	Scheme 9: KIR Genotyping Determine presence or absence of specific KIR genes	See website https://neqas.welsh-blood.org.uk/ for scheme details
Blood	Scheme 10: HPA Genotyping Determine HPA polymorphisms	See website https://neqas.welsh-blood.org.uk/ for scheme details
Plasma / serum	Scheme 11: HPA antibody detection / specification	
END		