

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

| | | |
|---|---|---|
|  <p>UKAS MEDICAL</p> <p>8046</p> <p>Accredited to ISO 15189:2022</p> | <h3>NHS Greater Glasgow & Clyde</h3> <p>Issue No: 014 Issue date: 09 September 2024</p> | |
| | <p>Royal Alexandria Hospital Corsebar Road Paisley PA2 9PN United Kingdom</p> | <p>Contact: Martin Wight Tel: +44 (0)1413 146 162 Fax: +44 (0)1413 146 604 E-Mail: martin.wight@ggc.scot.nhs.uk</p> |
| <p>Testing performed by the Organisation at the locations specified below</p> | | |

Locations covered by the organisation and their relevant activities

Laboratory locations:

| Location details | Activity | Location code |
|--|-----------------------------------|---------------|
| <p>Address Royal Alexandria Hospital Corsebar Road Paisley PA2 9PN United Kingdom</p> <p>Local contact Contact: Martin Wight Tel: +44 (0)1413146162 Fax: +44 (0)14143146604 E-Mail: martin.wight@ggc.scot.nhs.uk</p> | Haematology and Blood Transfusion | A |

Site activities performed away from the locations listed above:

| Location details | Activity | Location code |
|---|--|---------------|
| <p>Inverclyde Hospital Larkfield Road Greenock PA16 0XN United Kingdom</p> | Haematology and Blood Transfusion | B |
| <p>Vale of Leven Hospital Main Street Alexandria G83 0UA United Kingdom</p> | Haematology and Blood Transfusion | C |
| <p>Blood fridge Cowell Hospital Dunoon</p> | Blood storage only Fridge managed by laboratory | D |
| <p>Blood fridge Victoria Hospital Rothesay</p> | Blood storage only Fridge managed by laboratory | E |



8046

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

NHS Greater Glasgow & Clyde

Issue No: 014 Issue date: 09 September 2024

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|--|--|--|---------------|
| HUMAN BODY FLUIDS Venous Blood; red cells | <p><u>Blood Transfusion examinations to assist in clinical investigations</u></p> <p>Blood Grouping by antigen detection</p> <ul style="list-style-type: none"> • A B and O groups • Rhesus groups, antigens;- C^w, C, c, D, E, e, • Kell blood grouping system, antigens: K, k, Kp^a, • Kidd blood grouping system, antigens: - Jk^a, Jk^b, • Duffy blood grouping system, antigens:- Fy^a, Fy^b, • Lutheran blood grouping system, antigens: Lu^a, • MNS blood grouping system, antigens: M, N, S, s, • Lewis blood grouping system, antigens: Le^a,Le^b, • P blood grouping system, antigen;- P₁: | <p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods</p> <p>SOPs: EP-CBTR-010 Ortho Vision analyser and associated testing protocols – fully automated Ortho cassette technology or</p> <p>Manual procedures by Orthocassette technology.</p> | A, B, C |



8046

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

NHS Greater Glasgow & Clyde

Issue No: 014 Issue date: 09 September 2024

Testing performed by the Organisation at the locations specified

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|---|---|--|----------------|
| <p>HUMAN BODY FLUIDS (cont'd)</p> <p>Venous Blood; plasma</p> | <p><u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)</p> <p>Detection and quantification of the following Antibodies</p> <ul style="list-style-type: none"> • Rhesus blood group antibodies: anti-C^w, anti-C, anti-c, anti-D, anti-E, anti-e, • Kell system blood group antibodies: anti-K, anti-k, anti-Kp^a, • Kidd blood group antibodies: anti-Jk^a, anti-Jk^b, • Duffy blood group antibodies: anti-Fy^a, anti-Fy^b, • Lutheran blood group antibodies: anti-Lu^a, • MNS blood group antibodies: anti-M, anti-N, anti-S, anti-s, • Lewis blood group antibodies: anti-Le^a, anti-Le^b, • P blood group antibodies: anti-P₁ | <p>Procedures documented in relevant equipment manuals and in house documented procedures by the following methods</p> <p>SOP: EP-CBTR-010 Ortho Vision analyser and associated testing protocols including Direct AHG– fully automated Ortho cassette technology or</p> <p>Manual procedures by Ortho cassette technology.</p> | <p>A, B, C</p> |



8046

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

NHS Greater Glasgow & Clyde

Issue No: 014 Issue date: 09 September 2024

Testing performed by the Organisation at the locations specified

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|-------------------------------|--|---|---------------|
| HUMAN BODY FLUIDS (cont'd) | <u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd) | Procedures documented in relevant equipment manuals and in house documented procedures by the following methods | |
| Venous Blood; plasma (cont'd) | Compatibility testing:- Compatibility testing of patients plasma with donor cells | SOP: EP-CBTR-010 Ortho Vision analyser and associated testing protocols including Direct AHG– fully automated Ortho cassette technology or Manual procedures by Orthocassette technology. | A ,B, C |
| Venous Blood; plasma | Electronic Issue Quantification of the following antibodies: <ul style="list-style-type: none"> • Rhesus: anti-C^w, anti-C, anti-c, anti-D, anti-E, anti-e, • Kell system: anti-K, anti-k, anti-Kp^a, • Kidd: anti-Jk^a, anti-Jk^b, • Duffy: anti-Fy^a, anti-Fy^b, | Associated testing protocols LP-CBTR-028 SOP: LP-CBTR-021 using by serial dilution of plasma followed by Agglutination detection by Ortho Vision analyser cassette technology | A, B, C |
| Venous Whole Blood | Kleihauer for foetal/maternal bleed estimation reported as ml foetal red cells in maternal circulation | SOP:EP-CBTR-008 using Kleihauer testing by acid elution technique followed by microscopy | A, B |



8046

Accredited to
ISO 15189:2022

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

NHS Greater Glasgow & Clyde

Issue No: 014 Issue date: 09 September 2024

Testing performed by the Organisation at the locations specified

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|----------------------------|---|---|---|
| HUMAN BODY FLUIDS (cont'd) | <u>Haematological examinations to assist in clinical diagnosis</u> | Procedures documented in relevant equipment manuals and in house documented procedures by the following methods | |
| Venous whole blood: EDTA | <p>Full Blood Counts</p> <ul style="list-style-type: none"> • Haemoglobin estimation • Red cell and platelet counts • Haematocrit • Differential white cell count and reticulocytes • MCV • MCH • MCHC <p>Blood Film reporting of normal and abnormal morphologies including WBC Diff</p> <p>Malarial Parasite detection and speciation</p> <ul style="list-style-type: none"> • <u>P.falciparum</u> • <u>P.vivax</u> • <u>P.ovale</u> • <u>P.malariae</u> | <p>SOP:LP-RHAE-001 for Sysmex XN 10s on the Abbott track system Sysmex X series Haematology Analysers Model: XN-10 SOP:EP-RHAE-001 Model: XN-550 SOP:EP CHAE 010</p> <p>By Calculation</p> <p>SOP EP-CHAE-001 May-Grunwald staining on methanol fixed blood smears by</p> <ul style="list-style-type: none"> • Sysmex SP10 • Manual methods • Diff Quick stain <p>1) SOP: EP-CHAE-005 Antigen testing with CareStart RDT</p> <p>2) SOP: EP-CHAE-005 Microscopic detection by Thin film - May-Grunwald staining on methanol fixed blood smears by Sysmex SP10</p> <p>3) SOP: EP-CHAE-005 Thin film by ClinTech Giemsa MP staining kit</p> <p>4) SOP: EP-CHAE-005 Thick Film by Fields stain</p> | <p>A B, C</p> <p>A, B</p> <p>A, B, C</p> <p>A, B, C</p> <p>A, B</p> <p>A, B</p> <p>A, B</p> |
| Venous Blood/Serum/Plasma | Glandular Fever Screen for Infectious Mononucleosis | SOP – EP-CHAE-003 Clearview IM II Kit (Alere) – Lateral flow immunoassay for detection of heterophile antibodies | A, B, C |



8046
Accredited to
ISO 15189:2022

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

NHS Greater Glasgow & Clyde
Issue No: 014 Issue date: 09 September 2024

Testing performed by the Organisation at the locations specified

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|-----------------------------------|---|---|---------------|
| HUMAN BODY FLUIDS (cont'd) | <u>Haematological examinations to assist in clinical diagnosis</u> (cont'd) | Procedures documented in relevant equipment manuals and in house documented procedures by the following methods | |
| Venous whole blood: EDTA (cont'd) | Erythrocyte Sedimentation rate | SOP: EP-CHAE-002 Electronic detection of RBC/plasma interface Starssed Flex | A |
| | | Starssed Autocompact | A, B |
| Venous Blood: Citrated | Coagulation <ul style="list-style-type: none"> • Prothrombin time • Activated Partial Thromboplastic Time • Fibrinogen estimation • Thrombin Time including correction with protamine sulphate • D Dimer | Using ACL TOPS blood coagulation analysers using optical clot detection SOPs: EP-CHAE-009 ACL Top 750 and ACL Top 550 | A |
| | | ACL Top 350 | B, C |
| END | | | |