**Method Questionnaire**

**Laboratory Code:**.......……. **Section Name:** .......……………….…………………

**Main Instrument: Manufacturer:**…………………..…………**Model:**……………………………….….……………………..

**Organisation Name and Address:**…………………………..………………..…………………………………………..….………

………………………………………………………………………………………………………………………………………………………….

(N.B. Please insert instrument details in “analyte” column where instrument used for individual analytes differs from the main instrument.)

Please complete ‘Laboratory Code’ and ‘Section Name’ on each page.

Reagent kit no. and calibrator Lot numbers can be stored on the database and can be used for problem solving. Please include as much information as possible on the final 2 pages of the questionnaire.

**Serum Chemistry Programme**

|  |  |  |
| --- | --- | --- |
| Analyte | Method Group | ✓ |
| Sodium | Indirect ISE |  |
| Direct ISE |  |
| Flame |  |
| Vitros |  |
| Abaxis Piccolo |  |
| Fuji-Dri Chem |  |
| Other – Please specify |  |
| Potassium | Indirect ISE |  |
| Direct ISE |  |
| Flame |  |
| Vitros |  |
| Abaxis Piccolo |  |
| Fuji-Dri Chem |  |
| Other – Please specify |  |
| Chloride | ISE |  |
| Roche ISE |  |
| Coulometric |  |
| Vitros |  |
| Abaxis Piccolo |  |
| Fuji-Dri Chem |  |
| Other– Please specify |  |
| Bicarbonate | Indirect ISE |  |
| PEP Carboxylase |  |
| Beckman differential rate pH |  |
| Advia |  |
| Vitros |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |

**Laboratory Code:**.......……. **Section Name:** .......……………….…………………

## Cont’d.

|  |  |  |
| --- | --- | --- |
| **Analyte** | **Method Group** | **✓** |
| Urea | Urease kinetic |  |
| Urease end point |  |
| Vitros |  |
| Conductimetric |  |
| Abaxis Piccolo |  |
| Fuji Dri-Chem |  |
| Other– Please specify |  |
| Creatinine | Jaffe IDMS traceable |  |
| Enzymatic |  |
| Vitros |  |
| Vitros ID-MS traceable |  |
| Abaxis Piccolo |  |
| Fuji Dri-Chem |  |
| Other– Please specify |  |
| eGFR | 4v MDRD |  |
| 6v MDRD |  |
| GCMS Traceable MDRD |  |
| Lund Malmӧ Revised |  |
| Other– Please specify |  |
| CKD-EPI eGFR | CKD-EPI |  |
| Glucose | GOD-PAP |  |
| Hexokinase |  |
| O2/peroxide electrode |  |
| Vitros |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| Calcium | CPC |  |
| Arsenazo III |  |
| Beckman ISE |  |
| Vitros |  |
| NM-BAPTA |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| Adjusted Calcium | BCG / CPC |  |
| BCG / Arsenazo |  |
| BCP / CPC |  |
| BCP / Arsenazo |  |
| BCP / ISE |  |
| BCG / NM-BAPTA |  |
| BCP / NM-BAPTA |  |
| Vitros / Vitros |  |

**Laboratory Code:**.......……. **Section Name:** .......……………….…………………

## Cont’d

|  |  |  |
| --- | --- | --- |
| **Analyte** | **Method Group** | **✓** |
| Phosphate | Molybdate rate 365nm |  |
| Molybdate UV end point |  |
| Vitros |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| Total Protein | Biuret - end point |  |
| Biuret - kinetic |  |
| Vitros |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| Albumin | BCG |  |
| BCP |  |
| Vitros |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| Calculated Globulin | BCG / Biuret End Point |  |
| BCP / Biuret End Point |  |
| BCG / Biuret Kinetic |  |
| BCP / Biuret Kinetic |  |
| Vitros |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| Magnesium | Calmagite |  |
| Magon/xylidyl blue |  |
| Arsenazo / CPZ III |  |
| Enzymatic |  |
| Vitros |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| Urate | Uricase/peroxidase |  |
| Uricase/catalase |  |
| Vitros |  |
| AU Analysers |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| Lithium | Flame emission |  |
| Atomic absorption |  |
| ISE |  |
| Vitros |  |
| Colourimetric (Trace) |  |
| Other– Please specify |  |

**Laboratory Code:**.......……. **Section Name:** .......……………….…………………

## Cont’d

|  |  |  |
| --- | --- | --- |
| **Analyte** | **Method Group** | **✓** |
| Osmolality | Freezing point |  |
| Other– Please specify |  |
| *Please specify instrument:* | | |
| AST | Modified IFCC without PLP |  |
| IFCC with PLP (optimised method) |  |
| Vitros |  |
| Beckman non opt (442665 / 476831) |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| ALT | Modified IFCC without PLP |  |
| IFCC with PLP |  |
| Vitros |  |
| Beckman non optimised |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| ALP | IFCC (AMP With Zn.Mg) |  |
| DGKC (DEA) |  |
| Beckman non opt |  |
| AU Analysers IFCC |  |
| Vitros |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| CK | IFCC |  |
| Beckman non opt (442635 / 476836) |  |
| Vitros |  |
| NAC Activated non opt |  |
| Abaxis Piccolo |  |
| Fuji Dri-Chem |  |
| Other– Please specify |  |
| Gamma GT | IFCC (Carboxy-nitroanaline) |  |
| Beckman Szasz |  |
| Roche Szasz |  |
| Vitros |  |
| Carboxy-nitroanaline non opt |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| Amylase | Maltotrioside |  |
| Abbott Maltotrioside |  |
| Vitros |  |
| EPS |  |
| Abaxis Piccolo |  |
| Fuji Dri-Chem |  |
| Other– Please specify |  |

**Laboratory Code:**.......……. **Section Name:** .......……………….…………………

## Cont’d

|  |  |  |
| --- | --- | --- |
| Analyte | Method Group | **✓** |
| Pancreatic Amylase | EPS |  |
| Other- Please specify |  |
| LDH | P → L (SCE) |  |
| P → L (DGKC) |  |
| P → L (SFBC) |  |
| L→ P (IFCC) |  |
| Vitros |  |
| Beckman non opt P→ L |  |
| Roche L → P |  |
| Beckman L → P |  |
| Abaxis Piccolo |  |
| Other– Please specify |  |
| Gentamicin | FPIA |  |
| EMIT |  |
| Immunoturbidimetric |  |
| CEDIA |  |
| KIMS |  |
| PETINIA |  |
| Other– Please specify |  |
| Lipase | Colorimetric |  |
| Vitros |  |
| Other– Please specify |  |
| Iron | Ferrozine |  |
| Ferene (Sentinel / Thermo) |  |
| Vitros |  |
| TPTZ |  |
| Other– Please specify |  |
| TIBC | Removal of excess free Fe |  |
| Fe + UIBC |  |
| Vitros |  |
| Transferrin formulae |  |
| Other– Please specify |  |
| UIBC | Ferrozine |  |
| Other– Please specify |  |
| Transferrin | Immunoturbidimetric |  |
| Other– Please specify |  |
| Transferrin Saturation | Iron/Transferrin formula |  |
| Iron/TIBC formula |  |
| Other– Please specify |  |

**Instrument / Reagent / Calibrator Information**

**Laboratory Code:**.......……. **Section Name:** .......……………….…………………

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Analyte** | **Reagent supplier** | **Reagent. Cat. No.** | **Calibrator**  **supplier** | **Calibrator**  **Lot no.** | **Modification to manufacturer’s calibration** |
| **Serum Chemistry Scheme** | | | | | |
| Sodium |  |  |  |  |  |
| Potassium |  |  |  |  |  |
| Chloride |  |  |  |  |  |
| Bicarbonate |  |  |  |  |  |
| Urea |  |  |  |  |  |
| Creatinine |  |  |  |  |  |
| Glucose |  |  |  |  |  |
| Calcium |  |  |  |  |  |
| Phosphate |  |  |  |  |  |
| Total Protein |  |  |  |  |  |
| Albumin |  |  |  |  |  |
| Calculated Globulin |  |  |  |  |  |
| Magnesium |  |  |  |  |  |
| Urate |  |  |  |  |  |
| Lithium |  |  |  |  |  |
| Osmolality |  |  |  |  |  |
| AST |  |  |  |  |  |
| ALT |  |  |  |  |  |
| ALP |  |  |  |  |  |
| CK |  |  |  |  |  |
| GGT |  |  |  |  |  |
| Amylase |  |  |  |  |  |
| Pancreatic Amylase |  |  |  |  |  |

**Laboratory Code:**.......……. **Section Name:** .......……………….…………………

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Analyte** | **Reagent supplier** | **Reagent. Cat. No.** | **Calibrator**  **supplier** | | **Calibrator**  **Lot no.** | | **Modification to manufacturers’ calibration** |
| **Serum Chemistry Cont’d** | | | | | | | |
| LDH |  |  | |  | |  |  |
| Lipase |  |  | |  | |  |  |
| Gentamicin |  |  | |  | |  |  |
| Iron |  |  | |  | |  |  |
| TIBC |  |  | |  | |  |  |
| UIBC |  |  | |  | |  |  |
| Transferrin |  |  | |  | |  |  |
| Transferrin Saturation |  |  | |  | |  |  |

Please give details of any methods not specified in our classification guide.

Where you have modified the calibration, either by introducing a slope and intercept or changing the calibrator assigned value, please include details.

**If you wish to submit results for more than one section/instrument, please copy this form.**