

| Field   | Description                                     | Data Type    |
|---|---|--------------|
| lab_report_no                                       | Laboratory Report Number                        | Integer      |
| mem_id  | Patient ID                                      | String       |
| requested_date                                      | Date of Report                                  | Date         |
| BONE/JOINT FUNCTION Calcium mg/dL                   | Test Category   Test item   unit of measurement | as described |
| BONE/JOINT FUNCTION Phosphate mg/dL                 | Test Category   Test item   unit of measurement | as described |
| BONE/JOINT FUNCTION Rheumatoid Factor IU/mL         | Test Category   Test item   unit of measurement | as described |
| BONE/JOINT FUNCTION Uric Acid mg/dL                 | Test Category   Test item   unit of measurement | as described |
| CARDIAC MARKERS CK U/L                              | Test Category   Test item   unit of measurement | as described |
| DIABETES MELLITUS PROFILE Glucose (Fasting) mg/dL   | Test Category   Test item   unit of measurement | as described |
| DIABETES MELLITUS PROFILE Glucose (Random) mg/dL    | Test Category   Test item   unit of measurement | as described |
| DIABETES MELLITUS PROFILE HBA1C %                   | Test Category   Test item   unit of measurement | as described |
| ENDOCRINE Folic Acid nmol/L                         | Test Category   Test item   unit of measurement | as described |
| ENDOCRINE Vitamin B12 pmol/L                        | Test Category   Test item   unit of measurement | as described |
| EPSTEIN BARR VIRUS SEROLOGY EBV EA+EBNA-1 IgA EU/mL | Test Category   Test item   unit of measurement | as described |
| ERYTHROCYTE SEDIMENTATION RATE ESR mm/hr            | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Basophils %                             | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Basophils x109/L                        | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Blood Grouping ABO GROUP nan            | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Blood Grouping Rh(D) nan                | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Eosinophils %                           | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Eosinophils x109/L                      | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Haematocrit (PCV) nan                   | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Haemoglobin g/dL                        | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Lymphocytes %                           | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Lymphocytes x109/L                      | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY MCH pg                                  | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY MCHC g/dL                               | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY MCV fL                                  | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Monocytes %                             | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Monocytes x109/L                        | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Neutrophils %                           | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Neutrophils x109/L                      | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Peripheral Blood Film nan               | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Platelets x109/L                        | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY RDW %                                   | Test Category   Test item   unit of measurement | as described |
| HAEMATOLOGY Red cell count x1012/L                  | Test Category   Test item   unit of measurement | as described |

| Field  | Description                                     | Data Type    |
|--|---|--------------|
| HAEMATOLOGY Total White cell count x109/L          | Test Category   Test item   unit of measurement | as described |
| HB ELECTROPHORESIS SCREEN Comment nan              | Test Category   Test item   unit of measurement | as described |
| HB ELECTROPHORESIS SCREEN HBH Inclusion Bodies nan | Test Category   Test item   unit of measurement | as described |
| HB ELECTROPHORESIS SCREEN Haemoglobin F %          | Test Category   Test item   unit of measurement | as described |
| HB ELECTROPHORESIS SCREEN HbA2 %                   | Test Category   Test item   unit of measurement | as described |
| HEPATITIS PROFILE Anti-HAV Total nan               | Test Category   Test item   unit of measurement | as described |
| HEPATITIS PROFILE Anti-HBc Total nan               | Test Category   Test item   unit of measurement | as described |
| HEPATITIS PROFILE Anti-HCV nan                     | Test Category   Test item   unit of measurement | as described |
| HEPATITIS PROFILE Hepatitis Bs Antibody mIU/mL     | Test Category   Test item   unit of measurement | as described |
| HEPATITIS PROFILE Hepatitis Bs Antigen nan         | Test Category   Test item   unit of measurement | as described |
| HORMONE TEST Estradiol pmol/L                      | Test Category   Test item   unit of measurement | as described |
| HORMONE TEST FSH IU/L                              | Test Category   Test item   unit of measurement | as described |
| HORMONE TEST LH IU/L                               | Test Category   Test item   unit of measurement | as described |
| HORMONE TEST Testosterone nmol/L                   | Test Category   Test item   unit of measurement | as described |
| INFECTIOUS SEROLOGY Rubella IgG Ab IU/mL           | Test Category   Test item   unit of measurement | as described |
| INFLAMMATORY MARKERS hs-CRP mg/L                   | Test Category   Test item   unit of measurement | as described |
| INFLAMMATORY MARKERS wr-CRP mg/L                   | Test Category   Test item   unit of measurement | as described |
| IRON STUDIES Iron ug/dL                            | Test Category   Test item   unit of measurement | as described |
| KIDNEY PROFILE Chloride mmol/L                     | Test Category   Test item   unit of measurement | as described |
| KIDNEY PROFILE Potassium mmol/L                    | Test Category   Test item   unit of measurement | as described |
| KIDNEY PROFILE Sodium mmol/L                       | Test Category   Test item   unit of measurement | as described |
| KIDNEY PROFILE Urea mg/dL                          | Test Category   Test item   unit of measurement | as described |
| LIPID PROFILE Cholesterol/HDL Ratio nan            | Test Category   Test item   unit of measurement | as described |
| LIPID PROFILE HDL Cholesterol mg/dL                | Test Category   Test item   unit of measurement | as described |
| LIPID PROFILE LDL Cholesterol mg/dL                | Test Category   Test item   unit of measurement | as described |
| LIPID PROFILE Total Cholesterol mg/dL              | Test Category   Test item   unit of measurement | as described |
| LIPID PROFILE Triglycerides mg/dL                  | Test Category   Test item   unit of measurement | as described |
| LIVER PROFILE A/G Ratio nan                        | Test Category   Test item   unit of measurement | as described |
| LIVER PROFILE Albumin g/dL                         | Test Category   Test item   unit of measurement | as described |
| LIVER PROFILE Alkaline Phosphatase U/L             | Test Category   Test item   unit of measurement | as described |
| LIVER PROFILE Bilirubin, total mg/dL               | Test Category   Test item   unit of measurement | as described |
| LIVER PROFILE Gamma GT U/L                         | Test Category   Test item   unit of measurement | as described |
| LIVER PROFILE Globulin g/dL                        | Test Category   Test item   unit of measurement | as described |
| LIVER PROFILE SGOT/AST U/L                         | Test Category   Test item   unit of measurement | as described |
| LIVER PROFILE SGPT/ALT U/L                         | Test Category   Test item   unit of measurement | as described |
| LIVER PROFILE Total Protein g/dL                   | Test Category   Test item   unit of measurement | as described |

| Field  | Description                                     | Data Type    |
|--|---|--------------|
| MISCELLANEOUS Helicobacter Pylori nan                        | Test Category   Test item   unit of measurement | as described |
| SERUM CREATININE Creatinine mg/dL                            | Test Category   Test item   unit of measurement | as described |
| SERUM CREATININE eGFR mL/min/1.73m2                          | Test Category   Test item   unit of measurement | as described |
| SPECIAL LIPIDS Apolipoprotein A1 g/L                         | Test Category   Test item   unit of measurement | as described |
| SPECIAL LIPIDS Apolipoprotein B g/L                          | Test Category   Test item   unit of measurement | as described |
| SPECIAL LIPIDS Apolipoprotein B/A1 Ratio nan                 | Test Category   Test item   unit of measurement | as described |
| STD SCREEN VD (Syphilis TP Ab) nan                           | Test Category   Test item   unit of measurement | as described |
| THYROID FUNCTION Free T4 pmol/L                              | Test Category   Test item   unit of measurement | as described |
| THYROID FUNCTION TSH mIU/L                                   | Test Category   Test item   unit of measurement | as described |
| TUMOUR MARKERS AFP ug/L                                      | Test Category   Test item   unit of measurement | as described |
| TUMOUR MARKERS Beta HCG Total mIU/mL                         | Test Category   Test item   unit of measurement | as described |
| TUMOUR MARKERS CA 125 U/mL                                   | Test Category   Test item   unit of measurement | as described |
| TUMOUR MARKERS CA 15.3 U/mL                                  | Test Category   Test item   unit of measurement | as described |
| TUMOUR MARKERS CA 19-9 U/mL                                  | Test Category   Test item   unit of measurement | as described |
| TUMOUR MARKERS CEA ug/L                                      | Test Category   Test item   unit of measurement | as described |
| TUMOUR MARKERS Total PSA ug/L                                | Test Category   Test item   unit of measurement | as described |
| URINALYSIS Urine Clarity nan                                 | Test Category   Test item   unit of measurement | as described |
| URINALYSIS Urine Colour nan                                  | Test Category   Test item   unit of measurement | as described |
| URINE CHEMISTRY Bilirubin nan                                | Test Category   Test item   unit of measurement | as described |
| URINE CHEMISTRY Blood nan                                    | Test Category   Test item   unit of measurement | as described |
| URINE CHEMISTRY Glucose nan                                  | Test Category   Test item   unit of measurement | as described |
| URINE CHEMISTRY Ketones nan                                  | Test Category   Test item   unit of measurement | as described |
| URINE CHEMISTRY Nitrite nan                                  | Test Category   Test item   unit of measurement | as described |
| URINE CHEMISTRY Protein nan                                  | Test Category   Test item   unit of measurement | as described |
| URINE CHEMISTRY Specific Gravity nan                         | Test Category   Test item   unit of measurement | as described |
| URINE CHEMISTRY Urobilinogen nan                             | Test Category   Test item   unit of measurement | as described |
| URINE CHEMISTRY pH nan                                       | Test Category   Test item   unit of measurement | as described |
| URINE MICROALBUMIN/CREATININE Urine Alb/Cre Ratio mg/mmol    | Test Category   Test item   unit of measurement | as described |
| URINE MICROALBUMIN/CREATININE Urine Creatinine Random mmol/L | Test Category   Test item   unit of measurement | as described |
| URINE MICROALBUMIN/CREATININE Urine Microalbumin Random mg/L | Test Category   Test item   unit of measurement | as described |
| URINE MICROSCOPY Bacteria nan                                | Test Category   Test item   unit of measurement | as described |
| URINE MICROSCOPY Casts nan                                   | Test Category   Test item   unit of measurement | as described |
| URINE MICROSCOPY Crystals nan                                | Test Category   Test item   unit of measurement | as described |
| URINE MICROSCOPY Epithelial Cells /uL                        | Test Category   Test item   unit of measurement | as described |
| URINE MICROSCOPY Mucus Threads nan                           | Test Category   Test item   unit of measurement | as described |
| URINE MICROSCOPY Others nan                                  | Test Category   Test item   unit of measurement | as described |

| Field   | Description  | Data Type              |
|---|--|------------------------|
| URINE MICROSCOPY Red Blood Cells /uL              | Test Category   Test item   unit of measurement  | as described           |
| URINE MICROSCOPY White Blood Cells /uL            | Test Category   Test item   unit of measurement  | as described           |
| URINE MICROSCOPY Yeast nan                        | Test Category   Test item   unit of measurement  | as described           |
| VITAMIN STUDY Vitamin D Total (Immunoassay) ng/mL | Test Category   Test item   unit of measurement  | as described           |
| gender  | Patient's gender   | String                 |
| age_yr  | Age of patient at booking  | Integer                |
| Target_Chronic                                    | whether patient was diagnosed with a chronic disease                                     | Integer (binary)       |
| Target_Dermatitis                                 | whether patient was ever diagnosed with chronic disease Atopic Dermatitis                | Integer (binary value) |
| Target_Migraine                                   | whether patient was ever diagnosed with chronic disease Migraine                         | Integer (binary value) |
| Target_Allergic                                   | whether patient was ever diagnosed with chronic disease Vasomotor and allergic rhinitis  | Integer (binary value) |
| Target_Gastro                                     | whether patient was ever diagnosed with chronic disease Gastro-oesophagul reflux disease | Integer (binary value) |
| Target_Hypertension                               | whether patient was ever diagnosed with chronic disease Hypertension                     | Integer (binary value) |
| Target_Asthma                                     | whether patient was ever diagnosed with chronic disease Asthma                           | Integer (binary value) |
| Target_Hyperlipidaemia                            | whether patient was ever diagnosed with chronic disease Hyperlipidaemia                  | Integer (binary value) |
| Target_Thyroid                                    | whether patient was ever diagnosed with chronic disease Thyroid                          | Integer (binary value) |
| Target_Diabetes                                   | whether patient was ever diagnosed with chronic disease Diabetes                         | Integer (binary value) |
| Target_Gout                                       | whether patient was ever diagnosed with chronic disease Gout                             | Integer (binary value) |
| CAT LIPID PROFILE HDL Cholesterol mg/dL           | Categorized data for lab test LIPID PROFILE HDL Cholesterol mg/dL                        | String                 |
| CAT LIPID PROFILE LDL Cholesterol mg/dL           | Categorized data for lab test LIPID PROFILE LDL Cholesterol mg/dL                        | String                 |
| CAT LIPID PROFILE Total Cholesterol mg/dL         | Categorized data for lab test LIPID PROFILE Total Cholesterol mg/dL                      | String                 |
| CAT LIPID PROFILE Triglycerides mg/dL             | Categorized data for lab test LIPID PROFILE Triglycerides mg/dL                          | String                 |
| CAT HAEMATOLOGY Basophils %                       | Categorized data for lab test HAEMATOLOGY Basophils %                                    | String                 |
| CAT HAEMATOLOGY Basophils x109/L                  | Categorized data for lab test HAEMATOLOGY Basophils x109/L                               | String                 |
| CAT HAEMATOLOGY Eosinophils %                     | Categorized data for lab test HAEMATOLOGY Eosinophils %                                  | String                 |
| CAT HAEMATOLOGY Eosinophils x109/L                | Categorized data for lab test HAEMATOLOGY Eosinophils x109/L                             | String                 |
| CAT HAEMATOLOGY Haematocrit (PCV) nan             | Categorized data for lab test HAEMATOLOGY Haematocrit (PCV) nan                          | String                 |
| CAT HAEMATOLOGY Haemoglobin g/dL                  | Categorized data for lab test HAEMATOLOGY Haemoglobin g/dL                               | String                 |
| CAT HAEMATOLOGY Lymphocytes %                     | Categorized data for lab test HAEMATOLOGY Lymphocytes %                                  | String                 |
| CAT HAEMATOLOGY Lymphocytes x109/L                | Categorized data for lab test HAEMATOLOGY Lymphocytes x109/L                             | String                 |
| CAT HAEMATOLOGY MCH pg                            | Categorized data for lab test HAEMATOLOGY MCH pg   | String                 |
| CAT HAEMATOLOGY MCHC g/dL                         | Categorized data for lab test HAEMATOLOGY MCHC g/dL                                      | String                 |
| CAT HAEMATOLOGY MCV fL                            | Categorized data for lab test HAEMATOLOGY MCV fL   | String                 |
| CAT HAEMATOLOGY Monocytes %                       | Categorized data for lab test HAEMATOLOGY Monocytes %                                    | String                 |
| CAT HAEMATOLOGY Monocytes x109/L                  | Categorized data for lab test HAEMATOLOGY Monocytes x109/L                               | String                 |
| CAT HAEMATOLOGY Neutrophils %                     | Categorized data for lab test HAEMATOLOGY Neutrophils %                                  | String                 |
| CAT HAEMATOLOGY Neutrophils x109/L                | Categorized data for lab test HAEMATOLOGY Neutrophils x109/L                             | String                 |

| Field   | Description   | Data Type |
|---|---|-----------|
| CAT HAEMATOLOGY Peripheral Blood Film nan             | Categorized data for lab test HAEMATOLOGY Peripheral Blood Film nan             | String    |
| CAT HAEMATOLOGY Platelets x109/L                      | Categorized data for lab test HAEMATOLOGY Platelets x109/L                      | String    |
| CAT HAEMATOLOGY RDW %                                 | Categorized data for lab test HAEMATOLOGY RDW %                                 | String    |
| CAT HAEMATOLOGY Red cell count x1012/L                | Categorized data for lab test HAEMATOLOGY Red cell count x1012/L                | String    |
| CAT HAEMATOLOGY Total White cell count x109/L         | Categorized data for lab test HAEMATOLOGY Total White cell count x109/L         | String    |
| CAT DIABETES MELLITUS PROFILE Glucose (Fasting) mg/dL | Categorized data for lab test DIABETES MELLITUS PROFILE Glucose (Fasting) mg/dL | String    |
| CAT URINALYSIS Urine Clarity nan                      | Categorized data for lab test URINALYSIS Urine Clarity nan                      | String    |
| CAT URINALYSIS Urine Colour nan                       | Categorized data for lab test URINALYSIS Urine Colour nan                       | String    |
| CAT URINE CHEMISTRY Bilirubin nan                     | Categorized data for lab test URINE CHEMISTRY Bilirubin nan                     | String    |
| CAT URINE CHEMISTRY Blood nan                         | Categorized data for lab test URINE CHEMISTRY Blood nan                         | String    |
| CAT URINE CHEMISTRY Glucose nan                       | Categorized data for lab test URINE CHEMISTRY Glucose nan                       | String    |
| CAT URINE CHEMISTRY Ketones nan                       | Categorized data for lab test URINE CHEMISTRY Ketones nan                       | String    |
| CAT URINE CHEMISTRY Nitrite nan                       | Categorized data for lab test URINE CHEMISTRY Nitrite nan                       | String    |
| CAT URINE CHEMISTRY Protein nan                       | Categorized data for lab test URINE CHEMISTRY Protein nan                       | String    |
| CAT URINE CHEMISTRY Specific Gravity nan              | Categorized data for lab test URINE CHEMISTRY Specific Gravity nan              | String    |
| CAT URINE CHEMISTRY Urobilinogen nan                  | Categorized data for lab test URINE CHEMISTRY Urobilinogen nan                  | String    |
| CAT URINE CHEMISTRY pH nan                            | Categorized data for lab test URINE CHEMISTRY pH nan                            | String    |
| CAT THYROID FUNCTION TSH mIU/L                        | Categorized data for lab test THYROID FUNCTION TSH mIU/L                        | String    |
| CAT KIDNEY PROFILE Chloride mmol/L                    | Categorized data for lab test KIDNEY PROFILE Chloride mmol/L                    | String    |
| CAT KIDNEY PROFILE Potassium mmol/L                   | Categorized data for lab test KIDNEY PROFILE Potassium mmol/L                   | String    |
| CAT KIDNEY PROFILE Sodium mmol/L                      | Categorized data for lab test KIDNEY PROFILE Sodium mmol/L                      | String    |
| CAT KIDNEY PROFILE Urea mg/dL                         | Categorized data for lab test KIDNEY PROFILE Urea mg/dL                         | String    |
| CAT SERUM CREATININE Creatinine mg/dL                 | Categorized data for lab test SERUM CREATININE Creatinine mg/dL                 | String    |
| CAT SERUM CREATININE eGFR mL/min/1.73m2               | Categorized data for lab test SERUM CREATININE eGFR mL/min/1.73m2               | String    |