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| **Blood Group Phenotype / Rh Genotype** | | | |
| **Synonyms** | |  | Phenotype / Pheno / Genotype |
| **Clinical Indication** | |  | Directed by laboratory following preliminary screening tests or performed as part of antibody investigation. First presentation (Pre Transfusion) transfusion dependant patients, e.g. Sickle Cell. |
| **Part of Profile / See Also** | |  | Part of antibody identification procedure |
| **Request Form** | |  | Combined Pathology manual Blood form, Blood Transfusion form or ICE request |
| **Availability / Frequency of Analysis** | |  | On request / part of antibody identification procedure. |
| **Turnaround Time** | |  | Same day (Mon-Fri) Unless sent to NBS Reference centre (up to 10 days) |
| **Patient Preparation** | |  |  |
| **Sample Requirements** | |  |  |
|  | **Specimen Type** |  | Whole Blood |
|  | **Volume** |  | **Patient aged 12 years to Adult:** 1 x 6ml EDTA sample  **Patient aged > 4 months, up to 12 years old :** Minimum 1 x 2ml EDTA sample, bled into either 4ml or 6 ml EDTA sample bottle  **Patient < 4 months old:** 1 x 1ml EDTA bled into paediatric sample bottle |
|  | **Container**  Basildon Site:  Southend Site: |  | 6 ml Purple Top EDTA tube bottle    Paediatric 1 x Sarstedt EDTA KE/1.3 Micro tubes with red Screw Cap    6 ml Pink Top (EDTA) tube    Pink Top EDTA (Microtainer)  **Samples should be transported to laboratory immediately with full details of patient history / reason for testing.** |
| **Reference Range & Units** | |  |  |
| **Interferences** | |  | Recent Transfusion may give false phenotype results. |
| **Interpretation & Clinical**  **Decision Value (if applicable)** | |  |  |
| **Test code** | |  |  |
| **Lab Handling** | |  |  |