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| **Group and Save Crossmatch** | | | |
| **Synonyms** | |  | GS, G&S, XM, X Match |
| **Clinical Indication** | |  | For patients who may require a blood transfusion.  Relative to previous transfusion history, please call laboratory for advice. |
| **Part of Profile / See Also** | |  |  |
| **Request Form** | |  | Manual Blood Transfusion form or ICE request |
| **Availability / Frequency of Analysis** | |  | On request. |
| **Turnaround Time** | |  | Same day. If irregular red cell antibodies detected repeat samples may need to be sent to NBS referral lab. Turnaround on referred tests can be 7-10 days. If required urgently call the laboratory for advice. |
| **Patient Preparation** | |  |  |
| **Sample Requirements** | |  |  |
|  | **Specimen Type** |  | Whole Blood |
|  | **Volume** |  | **For patients aged 12 years old to Adult :** 1 x 6mL EDTA sample. (If Known red cell antibodies 3 x 6ml EDTA),  **Patients aged < 4 months :** 1 ml EDTA sample , bled into a paediatric tube.  **Patients aged < 4 months up to 12 years old:** Minimum 1 x 2ml EDTA sample bled into either 4 ml or 6 ml sample bottle |
|  | **Container**  Basildon Site:  Southend Site: |  | 6 ml Purple Top EDTA    Paediatric 1 x Sarstedt EDTA KE/1.3 Micro tubes with red Screw Cap    6 ml Pink Top EDTA    Paediatric 1 x Lavender Top (EDTA) tube  Where the Patient is < 4 months old and a blood transfusion is required. 1 x 6ml EDTA sample will be additionally required from the mother, if not taken at the point of delivery.  Samples and forms must be labelled in full as per the sample acceptance policy and should be transported to laboratory immediately.  The Blood Transfusion Laboratory has a Zero Tolerance Policy with regards to mis/incomplete labelling. All sections of the form & sample need to be accurately completed with the required available information.  Staff are reminded that the "ZERO TOLERANCE" policy will be applied where the labelling of blood samples and/or the information provided on the blood transfusion request form are incorrect.  This is to avoid near miss and avoidable errors in the transfusion process |
| **Reference Range & Units** | |  |  |
| **Interferences** | |  | Incorrect labelling of tube / form will delay testing and subsequent blood issue.  Some red cell antibodies may cause delay in providing compatible blood.  Recent massive transfusions of a differing ABO / Rh may mask the patients ABO / Rh group. |
| **Interpretation & Clinical**  **Decision Value (if applicable)** | |  |  |
| **References** | |  |  |
| **Test code** | |  |  |
| **Lab Handling** | |  | Sample should be processed as soon as possible on receipt. |