**Initial Data:**

Best Friend (BF), a 37-year-old male, is scheduled for a same-day surgical procedure for hernia repair. He has no history of significant medical problems, with the exception of injuries received during his service in the military. He was given 6 units of blood following a land mine explosion 4 years ago. At that time, his transfusions were uneventful.

A sample for “type and screen” was sent to the laboratory on the morning of the procedure. The following results were obtained.

**ABO and RH Typing:**

|  |  |
| --- | --- |
| **Forward (Cell) Typing** | **Reverse (Serum) Typing** |
| **Anti-A** | **Anti-B** | **Anti-D** | **A1 Cells** | **B Cells** |
| **0** | **0** | **4+** | **4+** | **4+** |

 **Antibody Detection Test (Screen):**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **RH** | **MNS** | **LU** | **P** | **Lewis** | **Kell** | **Duffy** | **Kidd** | **Gel Test** |
|  | **D** | **C** | **E** | **c** | **e** | **f** | M | N | S | s | Lua | Lub | **P1** | Lea | Leb | K | k | Fya | Fyb | Jka | Jkb | **IAT** |
| **1** | + | + | 0 | 0 | + | 0 | + | + | + | + | 0 | + | + | + | 0 | + | + | + | 0 | 0 | + | **2+** |
| **2** | + | 0 | + | + | 0 | 0 | + | 0 | + | 0 | 0 | + | + | 0 | + | 0 | + | + | + | + | 0 | **4+** |