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| --- | --- | --- | --- | --- | --- |
| **Entering Results for Antibody Screening** | | | | | |
| **Purpose** | This procedure provides instruction for entering a specimen’s initial antibody screening results in Sunquest grids. | | | | |
| **Test Codes** | **%AS**  CASC-Credit Antibody Screen | | | | |
| **Related**  **Documents** | [TS 5.2 Blood Order Processing](http://khan.childrensmn.org/Manuals/Lab/SOP/TS/SpecRR/202247.pdf)  [TS 4.8 Grading and Interpretation of Tube Reactions](http://khan.childrensmn.org/Manuals/Lab/SOP/TS/PatTest/202225.pdf)  [TS 5.3 Making Changes to a Blood Administration Record](http://khan.childrensmn.org/Manuals/Lab/SOP/TS/SpecRR/202248.pdf) | | | | |
| **Procedure** |  | | | | |
|  | **Step** | Action | | | |
|  | 1 | Enter Blood Order Processing by the patient sample accession number. | | | |
|  | 2 | Click on the Patient Specimen tab. | | | |
|  | 3 | Click in the ANTIBODY SCREEN Result field. Test may be added in the Add Spec. Test box as **;AS** or press key **Q.** | | | |
|  | 4 | Press the Home key or Click in the first cell of the grid entry field. | | | |
|  | 5 | Record the graded reactions of the gel and/or tube testing in the appropriate grid cell.  Enter NT (key N) if phase is Not Tested.  Enter ICLR (key I) if phase reaction is Inconclusive    **GRID CELL**  S1= Screening Cell 1  S2= Screening Cell 2  IS= Immediate Spin (tube)  INC= 37°C Incubation with LISS (tube)  AHG= Coombs reaction (tube)  CC= Coombs Control Cells (tube)  AGEL= Gel testing | | | |
|  | 6 | Record the antibody screen interpretation based on the test reaction pattern.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Cell | IS | INC | AHG | CC | GEL | Interpretation | | Reaction in  SI and/or S2 | NT | NT | NT | NT | O | Negative | | NT | NT | NT | NT | + | Positive | | 0 | 0 | 0 | + | NT | Negative | | 0 | 0 | 0 | + | ICLR | Negative | | NT | 0 | 0 | + | ICLR | Negative | | NT | 0 | 0 | + | NT | Negative | | NT | NT | NT | NT | ICLR | Inconclusive | | 0 | 0 | + | NT | NT | Positive | | 0 | + | 0 or+ | NT | NT | Positive | | + | 0 or+ | 0 or+ | NT | NT | Positive | | NT | NT | NT | NT | NT | Not Required | |  |  |  | 0 |  | Inconclusive |   0=no agglutination or hemolysis += graded agglutination or hemolysis NT=Not Tested  Interpretation entry:  Negative= key N  Positive=key P  Not Required= ;NRQ  Inconclusive= ;ICLR | | | |
|  | 7 | Review tube reaction results and interpretation entry if QA failures occurs.   |  |  | | --- | --- | | **If** | **Then** | | An enter error was made | re-enter results reactions and/or interpretation. | | Entry confirmed | * Acknowledge QA warnings. **All QA failures have to be reviewed and responded by a second tech.** * Respond to QA failures with a reason code or free text entry | | | | |
|  | 8 | If special testing is performed document using the Add Spec Test BBC comment (key ‘) | | | |
|  | 9 | Save results. | | | |
|  | 10 | Enter the Blood Bank Administrative Data Entry folder to enter additional information regarding testing into the patient’s permanent record. | | | |
|  |  | | | | |
| **Approval**  **Workflow** | Transfusion Service/Lab Director | | | | |
|  |  | | | | |
| **Historical Record** | **Version** | | **Written/Revised by:** | **Effective Date:** | **Summary of Revisions** |
| 1 | | J. Wenzel | 9/86 | Initial Version |
| 2 | | J. Wenzel | 7/90 |  |
| 3 | | J. Wenzel | 5/94 | LISS in STP |
| 4 | | D. Hansen | 12/95 | Merger |
| 5 | | J. Wenzel | 9/96 |  |
| 6 | | D. Hansen | 1/6/97 |  |
| 7 | | J. Wenzel | 12/99 |  |
| 8 | | D. Hansen | 1/4/00 |  |
| 9 | | J. Wenzel | 5/22/01 |  |
| 10 | | J. Wenzel | 10/19/2009 | Online version |
| 11 | | J. Wenzel | 4/10/2012 | Change Interpretation table to match BMA4. |
|  | 12 | | S Cassidy | 07/03/2019 | Added statement that a second tech needs to review and respond all QA failures |