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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.

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| Cell | IS | INC | AHG | CC | GEL | Interpretation |
| Reaction inSI 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 TestedInterpretation entry:Negative= key NPositive=key PNot Required= ;NRQInconclusive= ;ICLR |
|  | 7 | Review tube reaction results and interpretation entry if QA failures occurs.

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| **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
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|  | 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. |
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| **Approval****Workflow** | Transfusion Service/Lab Director |
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| **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 |