



PURPOSE: INSTRUCTIONS AND EXPECTATIONS FOR USE OF QUOTIENT PANEL AT MHBB FOR ANTIBODY WORKUPS

PROCESS: 0.8% PANEL PREP FOR MHBB

REV. #, DATE #1, 06.12.20

DOCUMENT OWNER: MHBB

Step	Description:	Key Point / Image / Reason	Who	Time
<p>Note: Quotient Panel will be received at MHBB. Panel may be used at the original 3-5% for ABID with LISS tube method or converted by instructions below to a 0.8% Panel for use in ABID using the Manual Ortho Workstation.</p>				
1	On a routine basis, the Quotient Panel at MHBB may be prepared as a 0.8% cell suspension for use in Antibody Identification when using the Gel method.	The panel may be prepared and stored at room temperature for 24 hours. Freshly prepared panel does not have to be kept away from light, but may remain on the counter for use.	All Blood Bank Techs	NA
2	To prepare 0.8% Cell Suspension of Panel Cells (per SOP) from 2-5% red cell suspension: Small Volume preparation for approximately 3-5 tests: <ol style="list-style-type: none"> 1. Pipette 100 µL of 2-5% red cell suspension into a labeled 12x75 test tube. 2. Add small volume of MTS Diluent 2 to allow centrifugation and red cell button formation. 3. Spin to prepare button, using the Wash Setting for the centrifuge. 4. Decant supernatant from tube to create a dry cell button. 5. Shake tube to loosen cells from bottom and add 200 µL of MTS Diluent 2. 	<p>Link to SOP https://iuhealth-pathlab.policystat.com/policy/7610521/latest/</p> <p>Panel must be created in 12x75mm test tubes because the MTS pipettor won't fit into the smaller 10x 75mm test tubes.</p> <p>Label each tube with the panel cell being prepared, 1-16 or selected cells.</p>	All Blood Bank Techs	NA
3	Once the panel is prepared cover with purple caps. Label the rack with the prepared panel with tape indicating <ol style="list-style-type: none"> 1) Panel Lot # 2) Panel Prep Date and Time 3) Panel Expiration Date and Time (24 hours from prep) 4) Tech initials 	<p>If the prepared panel is QNS for testing, one may need to make up a second panel within 24 hours following these instructions for preparation and labelling.</p> <p>Do no use the prepared 0.8% panel past 24-hour outdate.</p>	All Blood Bank Techs	NA