



Indiana University Health

Indianapolis, IN

Standard Operating Procedure Manual (SOP) –
Transfusion Medicine

Form #:
Manual:

BBQC-F003.10
DRAFT 3.1.22
Quality Control

Page:

Daily Reagent QC: RHBB

Test Date: _____

QC Reagent Rack	Lot #/Expiration
QC Antisera	
QC Cells	
Monoclonal Ctrl	
Antibody Screen	
MTS Screen Cells	Are all sets of MTS Screen Cells the Same Lot # <u>Yes (), No () if No, QC both lot numbers in use</u>
MTS Diluent 2	
MTS IgG Card	
Anti-C3b,d	
Complement Control Cells	
Negative Control	Date Prep: _____ Date Exp: _____
Appearance ✓ & Open Date/init. on all reagents	Tech: _____

Current Lot Number	All Reagent Racks
	Lot #/Expiration
Anti-A	
Anti-B	
Anti-D	
A1 Cells	
B Cells	
LISS	
IgG-AHG	
Coombs Check Cells	
Saline	
All lot numbers were visually verified	Tech: _____
Appearance ✓ and Open Date/initials on all reagents	Tech: _____

Peer Review _____

Sup Review: _____

Date: _____



Daily Reagent QC: RHBB

EXPECTED RESULTS	Anti-A	Anti-B	Anti-D	EX-PECTED	IS	37 LISS	AHG	Gel IgG	EXPECTED RE-SULTS	
A ₁	3-4+		0	I	0	0-3+	1-3+	3-4+	Anti-C3b,d Pos (C3 control cell)	1-3+
B		3-4+		II	0	0-3+	1-3+	3-4+	Anti-C3b,d Neg (Panoscreen cell)	0✓
COR QC			3-4+	III	0	0-3+	1-3+	3-4+		
				Neg	0	0	0✓	0		

If not a scheduled maintenance day, then leave Maintenance blank.

If scheduled maintenance day, complete Maintenance below.

		Anti-A	Anti-B	Anti-D	OK?	Tech
Lot Current	A ₁				Y	
	B				N	
	COR QC					

Maintenance	Result	OK?	Tech
Ultra CW fill (36.5-40.3 mL)		Y N	
Weekly UltraCW System Flushing and Clean (BBQC JA015.00, step 3.3)			
Auto & DD RBC Visual Inspection			
ID-MTS Dil2 Cleaning			
Eyewash Flush	Document	On	Appli- cable Form

Immucor Tube					Ortho Gel		Anti-C3b,d Pos	Anti-C3b,d Neg	OK?	Tech
Cell #	IS	37 LISS	AHG	OK?	IgG	OK?				
I + corQC				Y N		Y N			Y	
II + corQC				Y N		Y N			N	
III + corQC				Y N		Y N				
Neg + I, II or III				Y N		Y N				

DAILY:	Result	OK?	Tech
Bench Incubator # 39 (36-38°C)		Y N	
Bench Incubator # 40 (36-38°C)		Y N	
Bench Incubator # 41 (36-38°C)		Y N	
MTS Tach (1022-1042)		Y N	
MTS Timers (10/15/15)		Y N	
MTS Temp: Green light?		Y N	
Ultra CW Wipe and Empty Waste			

DAILY: Scale QC	Result Scale #1/ HT3000	Result Scale #2/ 11111-02	Both Scales OK?	Tech
20g			Y	
50g			N	
100g				

DAILY:	Tech
Daily Bench / Equipment	
Decontamination Performed	

Daily Waterbath Temp.	Result	Okay	Tech
Waterbath 6 (30-37°C)		Y N	
Waterbath 7 (30-37°C)		Y N	

Peer and Sup Review: