



NAME & ADDRESS OF BLOOD BANK

Licence No.:- _____

QUALITY CONTROL REGISTER (GD-20)

QUALITY REQUIREMENT FOR EACH NEW LOT

QUALITY CONTROL OF ANTISERA (A)

EVERY MONTH _____

DATE OF TESTING	NAME OF THE KIT	BATCH NO.	EXP. DATE	SPECIFICITY		AVIDITY WITH 50 % RED CELL	INTENSITY GRADE (+, ++, +++, +++++)	ROULEAUX FORMATION	PROZONE PHENOMENON	WORK DONE BY
				WITH POS CONTROL	WITH NEG CONTROL					

TITRATION OF ANTISERA

TITRATION USING POOLED BLOOD GROUP" _____ " RED CELL ANTIGENS												
DILUTION	1:1	1:2	1:4	1:8	1:16	1:32	1:64	1:128	1:256	1:512	TITER	REMARKS
STRENGTH WITH " CELLS												

CHECKED BY : _____

DATE : _____

QUALITY REQUIREMENTS		SPECIFICITY		AVIDITY WITH 50 % RED CELL (INTENSITY (GRADE E +, ++, +++, +++++)	ROULEAUX FORMATION	PROZONE PHENOMENON	TITRE
		WITH POS CONTROL	WITH NEG CONTROL					
Anti-A	Haemolysis or agglutination	No Haemolysis or agglutination	Macroscopic agglutination on slide in 10 seconds	3+ in 3-4 secs	Absent	Absent	256	
				4+ in 3-4 secs			256	
				3+ in 5-6 secs			128	
				3+ in 5-10 secs			128-256	

QUALITY CONTROL OF ANTISERA (B)

EVERY MONTH _____

DATE OF TESTING	NAME OF THE KIT	BATCH NO.	EXP. DATE	SPECIFICITY		AVIDITY WITH 50 % RED CELL	INTENSITY GRADE (+, ++, +++, +++++)	ROULEAUX FORMATION	PROZONE PHENOMENON	WORK DONE BY
				WITH POS CONTROL	WITH NEG CONTROL					

TITRATION OF ANTISERA



TITRATION USING POOLED BLOOD GROUP" _____ " RED CELL ANTIGENS												
DILUTION	1:1	1:2	1:4	1:8	1:16	1:32	1:64	1:128	1:256	1:512	TITER	REMARKS
STRENGTH WITH " "CELLS												

CHECKED BY : _____

DATE : _____

QUALITY REQUIREMENTS		SPECIFICITY		AVIDITY WITH 50 % RED CELL (INTENSITY (GRADE +, ++, +++, +++)	ROULEAUX FORMATION	PROZONE PHENOMENON	TITRE
		WITH POS CONTROL	WITH NEG CONTROL					
	Anti-B	Haemolysis or agglutination	No Haemolysis or agglutination	Macroscopic agglutination on slide in 10 seconds	3+ in 3-4 secs	Absent	Absent	256
4+ in 3-4 secs					256			
3+ in 5-6 secs					128			
3+ in 5-10 secs					128-256			

QUALITY CONTROL OF ANTISERA (AB)

EVERY MONTH

DATE OF TESTING	NAME OF THE KIT	BATCH NO.	EXP. DATE	SPECIFICITY		AVIDITY WITH 50 % RED CELL	INTENSITY GRADE +, ++, +++, +++)	ROULEAUX FORMATION	PROZONE PHENOMENON	WORK DONE BY
				WITH POS CONTROL	WITH NEG CONTROL					

TITRATION OF ANTISERA

TITRATION USING POOLED BLOOD GROUP" _____ " AND " _____ " RED CELL ANTIGENS												
DILUTION	1:1	1:2	1:4	1:8	1:16	1:32	1:64	1:128	1:256	1:512	TITER	REMARKS
STRENGTH WITH " "CELLS												

CHECKED BY : _____

DATE : _____

QUALITY REQUIREMENTS		SPECIFICITY		AVIDITY WITH 50 % RED CELL (INTENSITY (GRADE +, ++, +++, +++)	ROULEAUX FORMATION	PROZONE PHENOMENON	TITRE
		WITH POS CONTROL	WITH NEG CONTROL					
	Anti-AB	Haemolysis or agglutination	No Haemolysis or agglutination	Macroscopic agglutination on slide in 10 seconds	3+ in 3-4 secs	Absent	Absent	256
4+ in 3-4 secs					256			
3+ in 5-6 secs					128			
3+ in 5-10 secs					128-256			



QUALITY CONTROL OF ANTISERA [D(Ig M)]

EVERY MONTH _____

DATE OF TESTING	NAME OF THE KIT	BATCH NO.	EXP. DATE	SPECIFICITY		AVIDITY WITH 50 % RED CELL	INTENSITY GRADE +,++,+++,++++)	ROULEAUX FORMATION	PROZONE PHENOMENON	WORK DONE BY
				WITH POS CONTROL	WITH NEG CONTROL					

TITRATION OF ANTISERA

TITRATION USING POOLED BLOOD GROUP" _____ " RED CELL ANTIGENS												
DILUTION	1:1	1:2	1:4	1:8	1:16	1:32	1:64	1:128	1:256	1:512	TITER	REMARKS
STRENGTH WITH " CELLS												

CHECKED BY : _____

DATE : _____

QUALITY REQUIREMENTS		SPECIFICITY		AVIDITY WITH 50 % RED CELL (INTENSITY(GRADE +,++,+++,++++)	ROULEAUX FORMATION	PROZONE PHENOMENON	TITRE
		WITH POS CONTROL	WITH NEG CONTROL					
	Anti-D (Ig M)	Haemolysis or agglutination	No Haemolysis or agglutination	Macroscopic agglutination on slide in 10 seconds	3+ in 3-4 secs	Absent	Absent	256
					4+ in 3-4 secs			256
					3+ in 5-6 secs			128
					3+ in 5-10 secs			128-256

QUALITY CONTROL OF ANTISERA [D(BLEND)]

EVERY MONTH _____

DATE OF TESTING	NAME OF THE KIT	BATCH NO.	EXP. DATE	SPECIFICITY		AVIDITY WITH 50 % RED CELL	INTENSITY GRADE +,++,+++,++++)	ROULEAUX FORMATION	PROZONE PHENOMENON	WORK DONE BY
				WITH POS CONTROL	WITH NEG CONTROL					

TITRATION OF ANTISERA

TITRATION USING POOLED BLOOD GROUP" _____ " RED CELL ANTIGENS												
DILUTION	1:1	1:2	1:4	1:8	1:16	1:32	1:64	1:128	1:256	1:512	TITER	REMARKS
STRENGTH WITH " CELLS												

CHECKED BY : _____

DATE : _____



QUALITY REQUIREMENTS		SPECIFICITY		AVIDITY WITH 50% RED CELL (INTENSITY (GRADE +, ++, +++, +++)	ROULEAUX FORMATION	PROZONE PHENOMENON	TITRE
		WITH POS CONTROL	WITH NEG CONTROL					
	Anti-D (Blend)	Haemolysis or agglutination	No Haemolysis or agglutination	Macroscopic agglutination on slide in 10 seconds	3+ in 3-4 secs	Absent	Absent	256
4+ in 3-4 secs					256			
3+ in 5-6 secs					128			
3+ in 5-10 secs					128-256			

QUALITY CONTROL OF BOVINE SERUM ALBUMIN

QUALITY PARAMETERS TO BE CHECKED FOR EACH NEW LOT

EVERY MONTH _____

NAME OF THE KIT	DATE OF MANUFACTURE	EXPIRY DATE	REACTION WITH UNSENSITIZED RED CELLS	POTENCY	PROZONE PHENOMENON	ROULEAUX FORMATION	WORK DONE BY
QUALITY REQUIREMENTS			No agglutination	IgG anti-D should give a titer of 32-64 with O Rh (D) red cells.	None	None	

POTENCY : Reaction of IgG anti D with D(Rho) positive red cells

Dilution	1:1	1:2	1:4	1:8	1:16	1:32	1:64	1:128	1:256	1:512	TITER
Strength											

CHECKED BY : _____

DATE : _____

QUALITY CONTROL OF ANTI HUMAN GLOBULIN

QUALITY PARAMETERS TO BE CHECKED FOR EACH NEW LOT

EVERY MONTH _____

NAME OF THE KIT	DATE OF MANUFACTURE	EXPIRY DATE	DAT WITH SENSITISED CELLS	DAT WITH UNSENSITIZED CELLS	POTENCY	PROZONE PHENOMENON	ROULEAUX FORMATION	WORK DONE BY
QUALITY REQUIREMENTS			Agglutination	No haemolysis or agglutination	1:64	None	None	

POTENCY : Reaction of IgG anti D with D(Rho) positive red cells

Dilution	1:1	1:2	1:4	1:8	1:16	1:32	1:64	1:128	1:256	1:512	TITER
Strength											

CHECKED BY : _____

DATE : _____