

PART 1 - MBOVIS TESTING PROCEDURE

-C	Negative Control	CG	Conjugate
+C	Positive Control	IN	Inhibitor
RB	Reaction Buffer	S	Sample

STEP 1:

	1	2	3	4	5	6	7	8	9	10	11	12
A	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)
B	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)
C	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)
D	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)
E	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)
F	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)
G	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)
H	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)	RB (100µl)

STEPS 2 & 3:

	1	2	3	4	5	6	7	8	9	10	11	12
A	RB (100µl) RB (100µl) = -C	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)
B	RB (100µl) RB (100µl) = -C	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)
C	RB (100µl) RB (100µl) = -C	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)
D	RB (100µl) +C (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)
E	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)
F	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)
G	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)
H	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)	RB (100µl) S (100µl)

STEP 4: Incubate for at least 30 minutes at room temperature

STEP 5: Perform Initial Reading = Blank Intensity Reading

PART 2 - MBOVIS CONFIRMATORY TESTING PROCEDURE

-C	Negative Control	CG	Conjugate
+C	Positive Control	IN	Inhibitor
RB	Reaction Buffer	S	Sample

STEP 1:

	1	2	3	4	5	6	7	8	9	10	11	12
A	RB (100µl)	leave empty	2) RB (100µl)									
B	RB (100µl)	leave empty	2) RB (100µl)									
C	RB (100µl)	leave empty	3) RB (100µl)									
D	RB (100µl)	leave empty	3) RB (100µl)									
E	RB (100µl)		4) RB (100µl)									
F	RB (100µl)		4) RB (100µl)									
G	1) RB (100µl)		5) RB (100µl)									
H	1) RB (100µl)		5) RB (100µl)									

STEP 2:

	1	2	3	4	5	6	7	8	9	10	11	12
A	RB (100µl)	leave empty	2) RB (100µl)	2) RB (90µl)								
B	RB (100µl)	leave empty	2) RB (100µl)	2) RB (90µl)								
C	RB (100µl)	leave empty	3) RB (100µl)	3) RB (90µl)								
D	RB (100µl)	leave empty	3) RB (100µl)	3) RB (90µl)								
E	RB (100µl)	RB (90µl)	4) RB (100µl)	4) RB (90µl)								
F	RB (100µl)	RB (90µl)	4) RB (100µl)	4) RB (90µl)								
G	1) RB (100µl)	1) RB (90µl)	5) RB (100µl)	5) RB (90µl)								
H	1) RB (100µl)	1) RB (90µl)	5) RB (100µl)	5) RB (90µl)								

STEP 3:

	1	2	3	4	5	6	7	8	9	10	11	12
A	RB (100µl) RB (100µl) = -C	leave empty	2) RB (100µl) S (100µl)	2) RB (90µl) S (100µl)								
B	RB (100µl) RB (100µl) = -C	leave empty	2) RB (100µl) S (100µl)	2) RB (90µl) S (100µl)								
C	RB (100µl) RB (100µl) = -C	leave empty	3) RB (100µl) S (100µl)	3) RB (90µl) S (100µl)								
D	RB (100µl) RB (100µl) = -C	leave empty	3) RB (100µl) S (100µl)	3) RB (90µl) S (100µl)								
E	RB (100µl) +C (100µl)	RB (90µl) +C (100µl)	4) RB (100µl) S (100µl)	4) RB (90µl) S (100µl)								
F	RB (100µl) +C (100µl)	RB (90µl) +C (100µl)	4) RB (100µl) S (100µl)	4) RB (90µl) S (100µl)								
G	1) RB (100µl) S (100µl)	1) RB (90µl) S (100µl)	5) RB (100µl) S (100µl)	5) RB (90µl) S (100µl)								
H	1) RB (100µl) S (100µl)	1) RB (90µl) S (100µl)	5) RB (100µl) S (100µl)	5) RB (90µl) S (100µl)								

STEP 4:

	1	2	3	4	5	6	7	8	9	10	11	12
A	RB (100µl) RB (100µl) = -C	leave empty	2) RB (100µl) S (100µl)	2) RB (90µl) S (100µl) IN (10µl)								
B	RB (100µl) RB (100µl) = -C	leave empty	2) RB (100µl) S (100µl)	2) RB (90µl) S (100µl) IN (10µl)								
C	RB (100µl) RB (100µl) = -C	leave empty	3) RB (100µl) S (100µl)	3) RB (90µl) S (100µl) IN (10µl)								
D	RB (100µl) RB (100µl) = -C	leave empty	3) RB (100µl) S (100µl)	3) RB (90µl) S (100µl) IN (10µl)								
E	RB (100µl) +C (100µl)	RB (90µl) +C (100µl) IN (10µl)	4) RB (100µl) S (100µl)	4) RB (90µl) S (100µl) IN (10µl)								
F	RB (100µl) +C (100µl)	RB (90µl) +C (100µl) IN (10µl)	4) RB (100µl) S (100µl)	4) RB (90µl) S (100µl) IN (10µl)								
G	1) RB (100µl) S (100µl)	1) RB (90µl) S (100µl) IN (10µl)	5) RB (100µl) S (100µl)	5) RB (90µl) S (100µl) IN (10µl)								
H	1) RB (100µl) S (100µl)	1) RB (90µl) S (100µl) IN (10µl)	5) RB (100µl) S (100µl)	5) RB (90µl) S (100µl) IN (10µl)								

STEP 5: Incubate at least 30 minutes at room temperature

STEP 6: Perform Initial Reading = Blank Intensity Reading

STEP 7:

	1	2	3	4	5	6	7	8	9	10	11	12
A	RB (100µl) RB (100µl) = -C CG (10µl)	leave empty	2) RB (100µl) S (100µl) CG (10µl)	2) RB (90µl) S (100µl) IN (10µl) CG (10µl)								
B	RB (100µl) RB (100µl) = -C CG (10µl)	leave empty	2) RB (100µl) S (100µl) CG (10µl)	2) RB (90µl) S (100µl) IN (10µl) CG (10µl)								
C	RB (100µl) RB (100µl) = -C CG (10µl)	leave empty	3) RB (100µl) S (100µl) CG (10µl)	3) RB (90µl) S (100µl) IN (10µl) CG (10µl)								
D	RB (100µl) RB (100µl) = -C CG (10µl)	leave empty	3) RB (100µl) S (100µl) CG (10µl)	3) RB (90µl) S (100µl) IN (10µl) CG (10µl)								
E	RB (100µl) +C (100µl) CG (10µl)	RB (90µl) +C (100µl) IN (10µl) CG (10µl)	4) RB (100µl) S (100µl) CG (10µl)	4) RB (90µl) S (100µl) IN (10µl) CG (10µl)								
F	RB (100µl) +C (100µl) CG (10µl)	RB (90µl) +C (100µl) IN (10µl) CG (10µl)	4) RB (100µl) S (100µl) CG (10µl)	4) RB (90µl) S (100µl) IN (10µl) CG (10µl)								
G	1) RB (100µl) S (100µl) CG (10µl)	1) RB (90µl) S (100µl) IN (10µl) CG (10µl)	5) RB (100µl) S (100µl) CG (10µl)	5) RB (90µl) S (100µl) IN (10µl) CG (10µl)								
H	1) RB (100µl) S (100µl) CG (10µl)	1) RB (90µl) S (100µl) IN (10µl) CG (10µl)	5) RB (100µl) S (100µl) CG (10µl)	5) RB (90µl) S (100µl) IN (10µl) CG (10µl)								

STEP 8: Incubate for 10 minutes at room temperature

STEP 9: Perform Sample Reading

Analyze Results