

FINAL REPORT OF LABORATORY EXAMINATION

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IDEXX BioAnalytics Case # 18600-2021

Received Date: 6/17/2021

Completed: 6/22/2021

Submitted By

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Specimen Description

Species: mouse  
Breed/Strain: ICR  
Description: Opti-Spot; Opti-Spot strip(s)  
Number of Specimens/Animals: 18  
Building/Facility: ARC  
Area: ARC  
Study: 2nd Quarter Serology 2021

Purchase Order #: 32347

Client ID	Investigator	Room #	Species	Strain /Breed	Sex	Age/DOB	Rack	Date Placed
1a, 1b	TMG	103	mouse	ICR	F		3,4	
2	TMG	103	mouse	ICR	F		7,8	
3a, 3b	TMG/RP/JC	103	mouse	ICR	F		2,9	
4	TMG	103	mouse	ICR	F		6A, 6B	
5a, 5b	TMG/RP	103	mouse	ICR	F		5,10	
6	TMG/MK	103	mouse	ICR	F		13	
7a, 7b	RN/MO	117	mouse	ICR	F		7a, 7b	
8a, 8b	TMG	117	mouse	ICR	F		4A, 4B	
9a, 9b	RP	117	mouse	ICR	F		6A, 6B	
10a, 10b	MK	117	mouse	ICR	F		1A,1B	
11a, 11b	MO	117	mouse	ICR	F		2A,3B	
12a, 12b	TN	117	mouse	ICR	F		5A, 5B	
13	TN	117	mouse	ICR	F		3a	
14	JC	117	mouse	ICR	F		CAG cre	
15	JC	117	mouse	ICR	F		UBC cre	
16	JC/Triplet	117	mouse	ICR	F		Q111	
18a, 18b	JC	137	mouse	ICR	F		1,2,3	
13b	MO	117	mouse	ICR	F	2/25/2021	2B	3/25/2021

**Services/Tests Performed:** Advantage Comprehensive (Health Monitoring) (1-18)

**Serologic evaluation for antibodies to:** *Mycoplasma pulmonis*, Ectromelia, EDIM, LCMV, MAV1, MAV2, MHV, MNV, MPV, MVM, Polyoma, PVM, REO3, Sendai, TMEV

**General Comments:** Please take punches from the center of the Opti-spot, I over-layed the samples and made sure both samples were over-layed in the center. But I'm terrible at controlling where the blood runs when I want to set it down to attend to the mouse, so the spots overflowed into giant blobs and the outer edges may only have blood from one sentinel animal. Sorry!Rose

**Summary:** Antibodies to MNV were detected by MFI2 in multiple samples.

All other test results were negative. Please see the report for details.

## SEROLOGY SUMMARY

	1a, 1b	2	3a, 3b	4	5a, 5b
Ectromelia	-	-	-	-	-
EDIM	-	-	-	-	-
LCMV	-	-	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-	-	-
MAV1	-	-	-	-	-
MAV2	-	-	-	-	-
MHV	-	-	-	-	-
MNV	-	-	-	-	-
MPV	-	-	-	-	-
MVM	-	-	-	-	-
Polyoma	-	-	-	-	-
PVM	-	-	-	-	-
REO3	-	-	-	-	-
TMEV	-	-	-	-	-
Sendai	-	-	-	-	-
Mouse IgG	N	N	N	N	N

	6	7a, 7b	8a, 8b	9a, 9b	10a, 10b
Ectromelia	-	-	-	-	-
EDIM	-	-	-	-	-
LCMV	-	-	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-	-	-
MAV1	-	-	-	-	-
MAV2	-	-	-	-	-
MHV	-	-	-	-	-
MNV	-	+	-	+	+
MPV	-	-	-	-	-
MVM	-	-	-	-	-
Polyoma	-	-	-	-	-
PVM	-	-	-	-	-
REO3	-	-	-	-	-
TMEV	-	-	-	-	-
Sendai	-	-	-	-	-
Mouse IgG	N	N	N	N	N

	11a, 11b	12a, 12b	13	14	15
Ectromelia	-	-	-	-	-
EDIM	-	-	-	-	-

	11a, 11b	12a, 12b	13	14	15
LCMV	-	-	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-	-	-
MAV1	-	-	-	-	-
MAV2	-	-	-	-	-
MHV	-	-	-	-	-
MNV	+	+	+	-	-
MPV	-	-	-	-	-
MVM	-	-	-	-	-
Polyoma	-	-	-	-	-
PVM	-	-	-	-	-
REO3	-	-	-	-	-
TMEV	-	-	-	-	-
Sendai	-	-	-	-	-
Mouse IgG	N	N	N	N	N

	16	18a, 18b	13b
Ectromelia	-	-	-
EDIM	-	-	-
LCMV	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-
MAV1	-	-	-
MAV2	-	-	-
MHV	-	-	-
MNV	+	-	-
MPV	-	-	-
MVM	-	-	-
Polyoma	-	-	-
PVM	-	-	-
REO3	-	-	-
TMEV	-	-	-
Sendai	-	-	-
Mouse IgG	N	N	N

**Legend:** + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG