

Companion Animal Vaccines and Immuno-Diagnostic Service Laboratory

CAVIDS - Titer Testing Lab

University of Wisconsin-Madison School of Veterinary Medicine 2015 Linden Drive West Madison, WI 53706 (608) 263-4648

# 24 September 2019

Owner name: Nikki Woller Dam name: "Salle"

MOM TITER SCORE

Animal ID	CPV HI assay titer	CDV SN assay titer				
Salle	80	64				

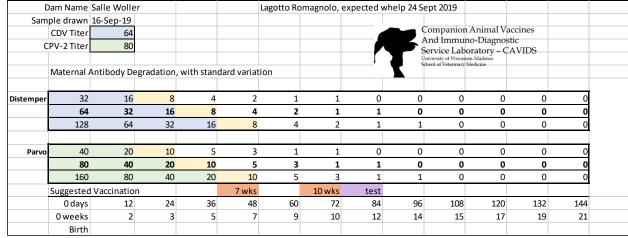
# Nomograph for Salle's puppies:

- A dose of DAP vaccine should be given at 7 and 10 weeks of age
- Pups should be titer tested by HI and SN assays at 12 weeks of age

This nomograph is unique to this dam and is an estimate of the age at which the maternal antibody that this mother may pass to her pups will be dissipated and no longer capable of interfering with pup vaccination. This estimate is based on her antibody titers against each virus, CDV and CPV-2, which decrease in roughly 2 week half-lives in her pups. Due to potential failure of passive transfer, the nomograph is not to be used as an indication of protection from wild-type virus for the litter.

It is strongly recommended to end point titer test pups at least two weeks after vaccination is completed to determine that they have responded. Please include dam information when submitting pup sera for titers. We recommend that, unless an adverse reaction has been observed, all dogs be given DAPPi combo vaccine at one year of age, and then no more frequently than every three years.

# (D = Distemper, P = Parvo, A = Adeno, Pi = Parainfluenza)



Mom's **Immunity** Passed onto the **Puppy** 

www.vetmed.wisc.edu/lab/CAVIDS

Puppy's Age in Weeks



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### **14 November 2019**

Owner name: Nikki Woller Dam name: "Gia"

MOM TITER SCORE

Animal ID	CPV HI assay titer	CDV SN assay titer			
Gia	160	64			

# Nomograph for Gia's puppies:

- A dose of DAP vaccine should be given at 7 and 10 weeks of age
- Titer test pups by HI and SN tests at 12 weeks of age

This nomograph is <u>unique</u> to this dam and is an estimate of the age at which the maternal antibody that this mother may pass to her pups will be dissipated and no longer capable of interfering with pup vaccination. This estimate is based on her antibody titers against each virus, CDV and CPV-2, which decrease in roughly 2 week half-lives in her pups. Due to potential failure of passive transfer, the nomograph is not to be used as an indication of protection from wild-type virus for the litter.

It is strongly recommended to end point titer test pups at least two weeks after vaccination is completed to determine that they have responded. Please include dam information when submitting pup sera for titers. We recommend that, unless an adverse reaction has been observed, all dogs be given DAPPi combo vaccine at one year of age, and then no more frequently than every three years.

# (D = Distemper, A = Adeno, P = Parvo, Pi = Parainfluenza)

	Dam Name	Gia Woller					Lagotto Romagnolo, expected whelp ~15 Nov 19							
Sam	ple drawn	1-Nov-19												
	CDV Titer	64						_		Companio				
C	PV-2 Titer	160								And Immu Service Lab University of Wisco	oratory -			
	Maternal	Antibody D	egradation	, with stan	dard varia	ion			K	school of Veterinary	Medicine			
Distemper	32	16	8	4	2	1	1	0	0	0	C	0	0	
	64	32	16	8	4	2	1	1	0	0	0	0	0	
	128	64	32	16	8	4	2	1	1	0	C	0	0	
Parvo	80	40	20	10	5	3	1	1	0	0	C	0	0	
	160	80	40	20	10	5	3	1	1	0	C	0	0	
	320	160	80	40	20	10	5	3	1	1	C	0	0	
	Suggested	l Vaccinatio	n		7 wks		10 wks	test						Ī
	0 days	12	24	36	48	60	72	84	96	108	120	132	144	
	0 weeks	2	3	5	7	9	10	12	14	15	17	19	21	
	Birth													

Mom's **Immunity** Passed onto the **Puppy** 

Laurie Larson, DVM

Puppy's Age in Weeks

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#### 3 June 2019

Owner name: Nikki Woller Dam name: "Aris"

**MOM TITER SCORE** 

Animal ID	CPV HI assay titer	CDV SN assay titer			
Aris	1280	128			

# Nomograph for Aris's puppies:

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- A dose of monovalent CPV vaccine should be given at 6 weeks of age
- A dose of DP or DAP should be given at 8 and 11 weeks of age
- A dose of monovalent CPV vaccine should be given 15 weeks of age
- Pups should be tested by HI and SN assays at 17 weeks of age

This nomograph is <u>unique</u> to this dam and is an estimate of the age at which the maternal antibody that this mother may pass to her pups will be dissipated and no longer capable of interfering with pup vaccination. This estimate is based on her antibody titers against each virus, CDV and CPV-2, which decrease in roughly 2 week half-lives in her pups. **Due to potential failure of passive transfer, the nomograph is not to be used as an indication of protection from wild-type virus for the litter.** 

It is strongly recommended to end point titer test pups at least two weeks after vaccination is completed to determine that they have responded. Please include dam information when submitting pup sera for titers. We recommend that, unless an adverse reaction has been observed, all dogs be given DAPPi combo vaccine at one year of age, and then no more frequently than every three years.

#### (D = Distemper, P = Parvo, A = Adeno, Pi = Parainfluenza)

	Dam Name	Aris Woller		CPV risk				Lagotto Ro	magnolo,	expected	whelp date	e ~5June 1	19
Sam	ple drawn	22-May-19											
	CDV Titer	128						_		Companio			
C	PV-2 Titer	1280								And Immu Service Lab Iniversity of Wiscon School of Veterinary	oratory –		
	Maternal	Antibody De	gradation,	with stan	dard variat	ion			K	knoor or vetermary	Neukine		
Distemper	64	32	16	8	4	2	1	1	0	0	0	0	0
	128	64	32	16	8	4	2	1	1	0	0	0	0
	256	128	64	32	16	8	4	2	1	1	0	) 0	0
Parvo	640	320	160	80	40	20	10	5	3	1	1	. 0	0
	1280	640	320	160	80	40	20	10	5	3	1	1	0
	2560	1280	640	320	160	80	40	20	10	5	3	3 1	1
	Suggested	d Vaccination	ı		6 wks	8 wks		11 wks		15 wks	test		
	0 days	12	24	36	48	60	72	84	96	108	120	132	144
	0 weeks	2	3	5	7	9	10	12	14	15	17	19	21
	Birth												

Mom's Immunity Passed onto the Puppy

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# **Dam Nomograph Report**

20 July 2020 Owner name: Nikki Woller Dam name: "Blossom"

MOM TITER SCORE

Animal ID	CPV HI assay titer	CDV SN assay titer				
Blossom	5120	2048				
Protected?	yes	yes				
Next action	Titer in 1-3 years	Titer in 1-3 years				

Endpoint titers were determined by hemagglutination inhibition (HI) and serum virus neutralization (SN)

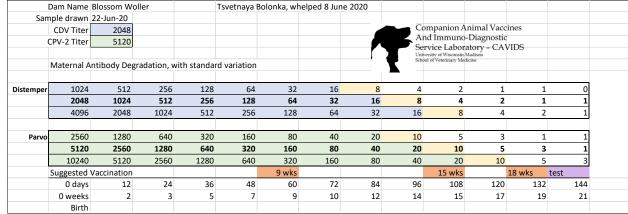
### Suggested vaccination schedule for Blossom's puppies:

- A dose of DP or DAP vaccine should be given at 9, 15 and 18 weeks of age
- Titer test pups by HI and SN tests at 19 weeks of age

This nomograph is <u>unique</u> to this dam and is an estimate of the age at which the maternal antibody that this mother may pass to her pups will be dissipated and no longer capable of interfering with pup immunization. This estimate is based on her antibody titers against distemper and parvovirus, which decrease in roughly 2 week half-lives in her pups, as shown in the graph below. **Due to potential failure of passive transfer, the nomograph is not to be used as an indication of protection from wild-type virus for the litter.** 

It is strongly recommended to end point titer test pups at least two weeks after vaccination is completed to determine that they have responded. Please include dam information when submitting pup sera for titers. We recommend that, unless an adverse reaction has been observed, all dogs be given DAPPi combo vaccine at one year of age, and then no more frequently than every three years. Alternatively, antibody test pups at one year of age (including canine adenovirus), and then every 1-3 years.

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Mom's Immunity Passed onto the Puppy

Puppy's Age in Weeks

Laurie Larson, DVM, Director, CAVIDS Laboratory

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