



Companion Animal Vaccines and
Immuno-Diagnostic Service Laboratory
CAVIDS - Titer Testing Lab
University of Wisconsin-Madison School of Veterinary Medicine
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Dam Nomograph Report

8 January 2024

Owner name: **Laureen Little**

Dam name: **“Nakita”**

Animal ID	CPV HI assay titer	CDV SN assay titer
Nakita	160	128
Protected?	Yes	Yes
Next action	Recheck in 1-3 years	Recheck in 1-3 years

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

Suggested vaccination schedule for Nakita’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 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 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.

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

Dam Name		Entlebucher, expected whelp ~ 8 January 2024																	
Sample drawn	22-Dec-23																		
CDV Titer	128																		
CPV-2 Titer	160																		
Maternal Antibody Degradation, with standard variation																			
Distemper	64	32	16	8	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0
	128	64	32	16	8	4	2	1	1	0	0	0	0	0	0	0	0	0	0
	256	128	64	32	16	8	4	2	1	1	0	0	0	0	0	0	0	0	0
Parvo	80	40	20	10	5	3	1	1	0	0	0	0	0	0	0	0	0	0	0
	160	80	40	20	10	5	3	1	1	0	0	0	0	0	0	0	0	0	0
	320	160	80	40	20	10	5	3	1	1	0	0	0	0	0	0	0	0	0
Suggested Vaccination					7 wks		10 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																			



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www.vetmed.wisc.edu/lab/CAVIDS