

## Experimental Report

### **BioNote's Rapid CPV Ag and CDV Ag test kits do not detect DHPPL vaccine antigens until 9 days after vaccine administration**

**Purpose:** To investigate whether Bionote's Rapid CPV Ag and CDV Ag test kits are able to detect DHPPL vaccine antigens up to 9 days after vaccine administration.

**Material and Method:** Three dogs that weren't vaccinated for last 3 months were vaccinated with Vanguard DHPPL vaccine. Three dogs' blood, conjunctiva, nasal discharge were test with CDV Ag test kit and feces were test with CPV Ag test kit for every other day. Considering the viral shedding period of CPV and CDV after infection, we tested the up to 9 days after vaccination.

**Result:** None of the dogs tested positive with either CPV Ag or CDV Ag.

**Conclusion:** CPV Ag and CDV Ag do not detect vaccine antigens until 9 days post vaccination.

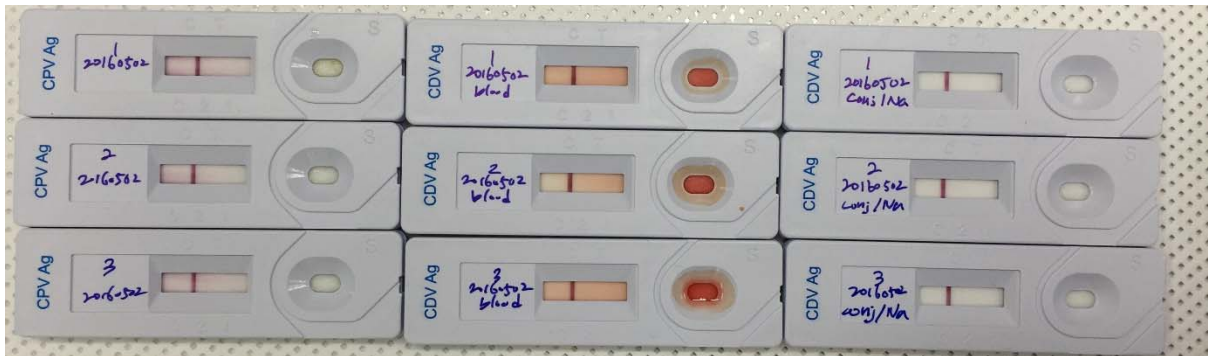
#### **CDV Ag**

	CDV Ag test with blood			CDV Ag test with Conjunctival and Nasal swab		
	Dog 1	Dog 2	Dog 3	Dog 1	Dog 2	Dog 3
Day 0	Negative	Negative	Negative	Negative	Negative	Negative
Day 2	Negative	Negative	Negative	Negative	Negative	Negative
Day 4	Negative	Negative	Negative	Negative	Negative	Negative
Day 7	Negative	Negative	Negative	Negative	Negative	Negative
Day 9	Negative	Negative	Negative	Negative	Negative	Negative

#### **CDV Ag**

	CPV Ag test with feces		
	Dog 1	Dog 2	Dog 3
Day 0	Negative	Negative	Negative
Day 2	Negative	Negative	Negative
Day 4	Negative	Negative	Negative
Day 7	Negative	Negative	Negative
Day 9	Negative	Negative	Negative

Day 0 – Before Vaccination



Day 2- 2 days post vaccination



Day 4 – 4 days post vaccination



Day 7 – 7 days post vaccination



Day 9 – 9 days post vaccination

