

## **Accuracy of Mixed Antibody Detection of Canine Parvovirus and Canine Distemper Infection in Dogs**

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### **Abstract:**

Wide spread infections in canine are caused by parvovirus (CPV) and distemper virus (CDV) in most countries. Their detection for specific isolates infection and mixed one is very common in most countries not using vaccination against these virus Mixed antibody titer detection is very high and significant in most cases – The study goal was to confirm accuracy of mixed infection with high level in spite of using vaccination to control infection. SDS Page test with ELISA compared using Passive detection of antibody neutralization test and CDV multiclonal epitopes analysis using sera collected from dog and commercial developed monoclonal antibodies in lab admitted. Monoclonal Antibody detection with following vaccination is significantly high than c one virus infection. Compared to passive virus detection.

### **Keywords:**

Mixed, F protein, Parvo, Canine, Accuracy, Distemper.