



## DOES THE DOG NEED A VACCINE BOOSTER?

### INTERPRETATION OF TEST RESULTS

You have requested a canine pre-vaccination antibody screen. This profile consists of the measurement of antibody levels to canine parvovirus (CPV) by enzyme-linked immunosorbent assay (ELISA), and to canine distemper virus (CDV) and canine adenovirus-2 (CAV-2) by a virus neutralisation test (VN).

If the antibody titre of the dog to any one of these vaccines is low, boosting is recommended (see below). It is safe to re-immunise with a vaccine that contains all three viruses. Moderate to high antibody titres are unlikely to increase following re-vaccination. (Note that we do not offer to detect antibodies to *Leptospira* spp or canine parainfluenza virus (CPiV) as part of this screen because these vaccine components do not elicit antibodies that can be correlated with immunity).

CPV antibody titre	Interpretation	Action
< 4	No significant antibody to CPV	Booster required
4- < 128	Low antibody titre to CPV	Booster required
≥ 128	High titre, immune dog	No need for booster at present
CDV antibody titre	Interpretation	Action
< 8	No significant antibody to CDV	Booster required
8- < 64	Low antibody titre to CDV	Booster required
64- <1024	Moderate titre, immune dog	No need for booster at present
≥ 1024	High titre, immune dog	No need for booster at present
CAV-2 antibody titre	Interpretation	Action
< 8	No significant antibody to CAV-2	Booster required
8- < 64	Low antibody titre to CAV-2	Booster required
64- <1024	Moderate titre, immune dog	No need for booster at present
≥ 1024	High titre, immune dog	No need for booster at present

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The University of Glasgow, charity number SC004401