

ImmunoComb

by **Biogal** Galed Labs.

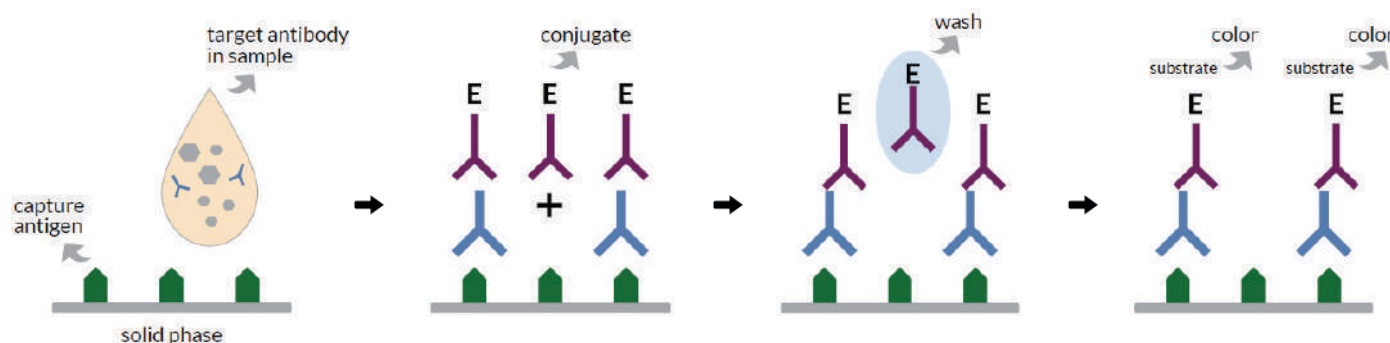
ImmunoComb[®]
offers evidence-
based antibody
results directly
in your clinic



Diagnostic Method



ImmunoComb is a serological test used to detect specific antibodies in blood and serum samples. The test is based on Dot-ELISA technology (Dot Enzyme-Linked Immunosorbent Assay). In this assay, the capture antigen immobilized on a solid phase binds to the target antibodies in the sample, forming an antigen-antibody complex. A secondary animal-specific antibody and substrate are added, producing a visible colored dot to indicate a positive result.



Benefits



Point of Care

No need for additional equipment; works in clinics, hospitals and labs.



Fast

Produces results in 23 minutes.



Accurate

High sensitivity, specificity, and scientific validation ensure reliability.



Affordable

Ideal for routine diagnostics without breaking the budget.



User-Friendly

Minimal training required.



Semi-quantitative results

Offers deeper insight than a qualitative result

Applications

01

Diagnosis: IgM tests detect infections in the early phase. IgG tests are valuable for identifying mid to late-stage infections, as a noticeable rise in IgG antibody levels strongly indicates the presence of an active infection.

02

Screening: Helps prevent disease spread by distinguishing between individuals who may be infected and those who are likely unexposed or uninfected.

03

Monitoring: Decrease in antibody levels, coupled with the resolution of clinical signs, supports the effectiveness of antibiotic treatment.

Analytical Sensitivity and Specificity of IMMUNOCOMB® Antibody Test Kits

Product		Sensitivity	Specificity	Study site
<div> <div></div> <div>Canine Parvovirus & Distemper virus IgM</div> </div>	Parvovirus	91%	91%	Virology Laboratory, College of Veterinary Medicine. Auburn University, AL, USA
	Distemper virus	94%	96%	
<div> <div></div> <div>Canine Ehrlichia canis</div> </div>		100%	94%	Hebrew University of Jerusalem, Israel
<div> <div></div> <div>Canine Leptospira</div> </div>		98%	97%	Catholic University of Temuco, Temuco, Chile
<div> <div></div> <div>Canine Brucella</div> </div>		98%	93%	Biogal Galed Labs
<div> <div></div> <div>Feline Toxoplasma gondi & Chlamydia psittaci</div> </div>	T.gondi	92%	97.37%	Agrolabo Spa, Italy
	C.psittaci	94.74%	99%	
<div> <div></div> <div>Feline Corona Virus / FIP.</div> </div>		100%	100%	University of Glasgow ,UK

Quick Guide



STEP 1

Bring all components to room temperature 20°C - 25°C

STEP 2

Deposit serum (5µl), or whole blood (10µl) into a well in row A

STEP 3

Insert the Comb into the well A with the sample, incubate and transfer to the remaining wells (B-F) at timed intervals according to the step by step instructions

STEP 4

Dry and read the results

Step-by-Step Procedure

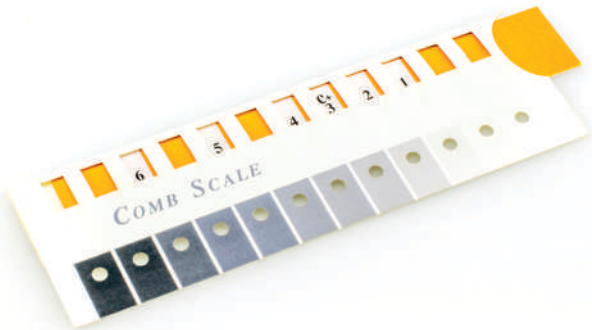
Reagents	Row	Incubation time [min]
Sample	A	5
Wash	B	2
Conjugate	C	5
Wash	D	2
Wash	E	2
Chromogen	F	5
Wash	Back to E	2

Upon completion, a purple-grey color appears on Positive Reference spots and positive sample spots, indicating antibody levels based on intensity.

STEP 3

Via CombScale

Match the positive reference spot color to the Comb scale. Slide C3+ to this color and compare each dot individually, noting the values





Robocomb

An automated operation device for Immunocomb and Vaccicheck kits

Benefits

- ✓ **Hands-Free Operation:** Automated process with minimal external input.
- ✓ **High Capacity:** Run up to 12 samples at once for faster, more efficient testing.
- ✓ **Simple to Use:** No specialized training needed.
- ✓ **Compact & Convenient:** Designed for in-clinic use with a small footprint.

Combeam

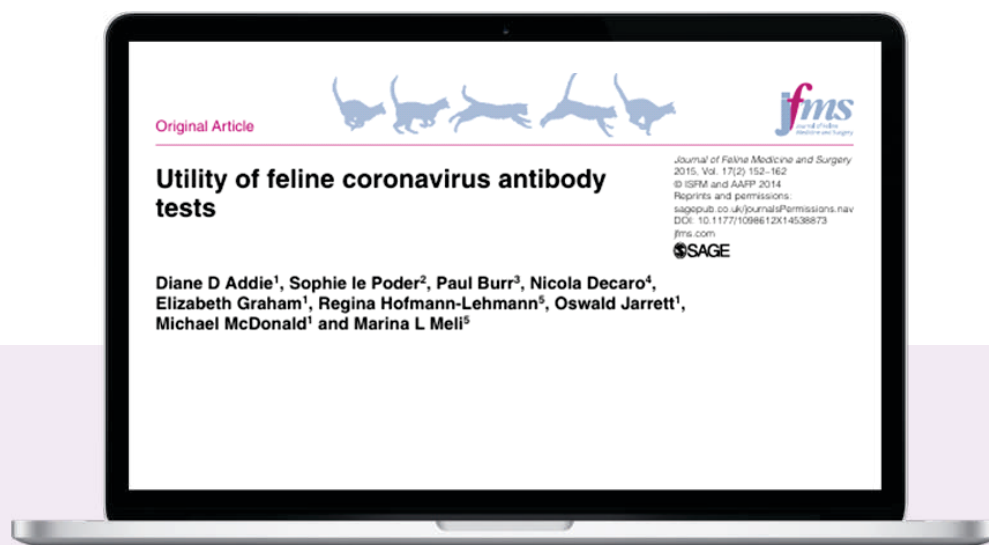
A portable measuring device for semi-quantitative result evaluation of the Biogal ImmunoComb and VacciCheck test.

Benefits

- ✓ **Error-Free Interpretation:** Automated analysis eliminates human error in reading results.
- ✓ **Compact Design:** Hand sized and space-saving, perfect for any clinical setting.
- ✓ **Easy Operation:** No specialized training required.
- ✓ **Instant Results:** Results appear in just 3 seconds for fast decision-making.
- ✓ **Seamless Data Transfer:** Easily transfer results to your PC or laptop with one click.



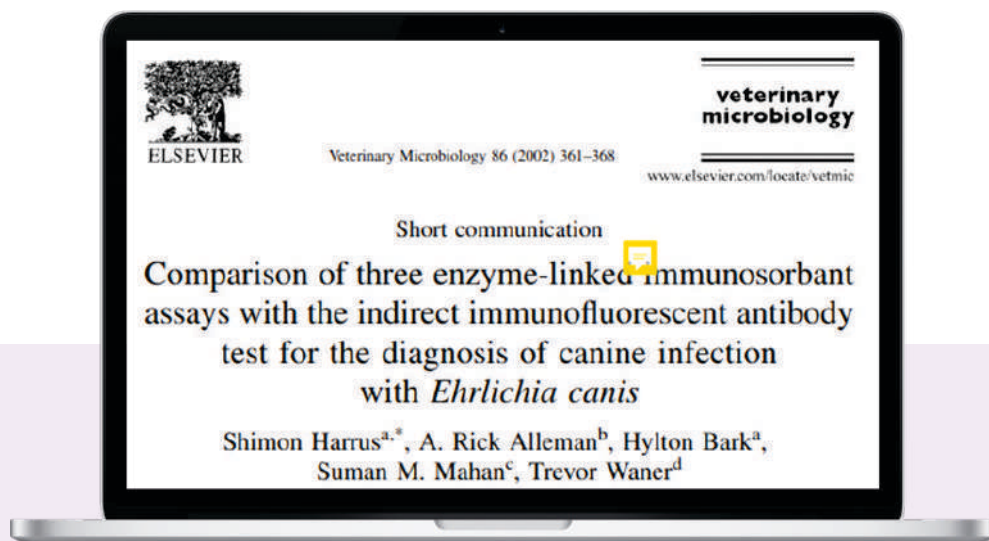
Scientific Studies



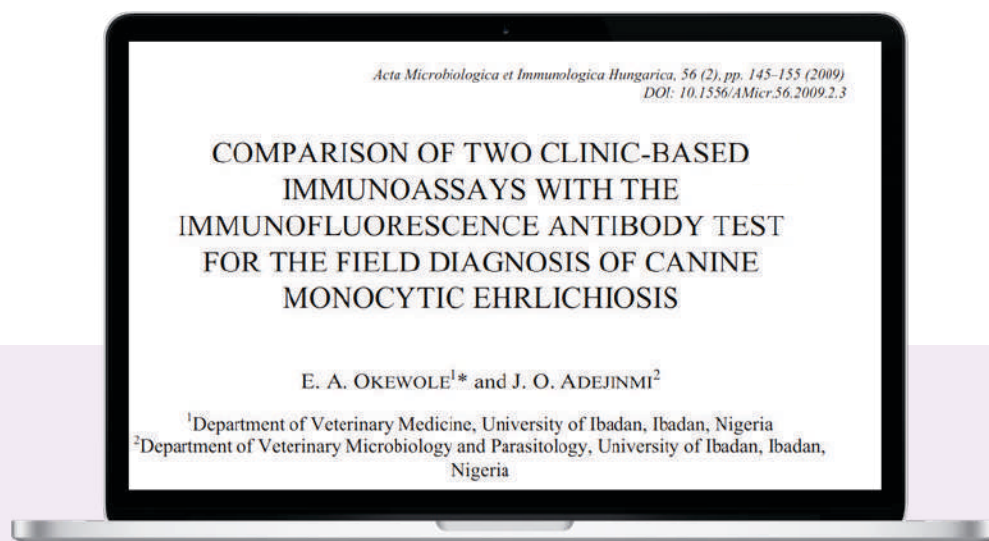
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