

NML HEALTHCHECK GUIDANCE NOTES FOR INDIVIDUAL COW SERUM ELISA RESULTS

Test	Category	% Inhibition	Comments
BVD antibody	Negative	≤50	Low level/undetectable antibody levels.
	Inconclusive	>50 & <60	Inconclusive
	Positive	≥60	Medium-high antibody levels.

Please Note – This test is unable to differentiate antibodies which result from vaccine or exposure to the virus.

Test	Category	S-N	Comments
BVD antigen	Negative	≤0.3	Low level/undetectable antigen levels.
	Positive	>0.3	Antigen present.

Test	Category	% Inhibition	Comments
IBR	Negative	<45	Low level/undetectable antigen levels.
	Inconclusive	≥45 & <55	Inconclusive
	Positive	≥55	High antibody levels.

Test	Category	S / N	Comments
IBR-gE	Negative	>0.7	No evidence of wild infection
	Inconclusive	≤0.7 & >0.6	Inconclusive
	Positive	≤0.6	Wild Infection or vaccine response to standard vaccine has been detected.*

**The test identifies antibody sites specific to the gE protein. IBR-gE deleted vaccines do not contain this protein so corresponding vaccine response should not be detected by the test. If antibody to this gE protein has been detected, it could be a response to previous vaccination with a standard vaccine or wild infection.*

**S/N is a ratio between sample titre and negative control titre. It provides an inverse scale due to the nature of the calculation.*

Results relate only to the sample as received by the laboratory. No biological assay is 100% accurate and whilst laboratories warrant that their tests will meet their applicable declared specifications, the laboratories make no other warranty, expressed or implied and accept no responsibility or liability in respect of false results which are within the limits of the declared specifications of the tests offered.

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Test	Category	% Positivity	Comments
Johne's (Map)	Low	≤45	Low/undetectable antibody levels.
	Medium	>45 & <55	Inconclusive
	High	≥55	High antibody levels

*Please note, individual cow Johne's results require careful interpretation and act only as a guide to the Johne's disease status of individual cows. If you have TB tested in the last 4-6 weeks this may have an effect on the results. Consult your vet for further information.

Test	Category	% Positivity	Comments
Lepto hardjo	Negative	≤5	Low/undetectable antibody levels
	Inconclusive	>5 & ≤12	Inconclusive
	Positive	>12	High antibody levels

Test	Category	% Positivity	Comments
Neospora	Negative	<20	Low/undetectable antibody levels. Beware – Some of the herd may still be infected with Neospora.
	Positive	≥20	High antibody levels.

Test	Category	% Positivity
FASCIOLOSIS (Liver Fluke)	No/weak Infestation	≤30
	Low Infestation	>30 & ≤80
	Medium Infestation	>80 & ≤150
	High Infestation	>150

**FOR MORE INFORMATION OR FURTHER INTERPRETATION OF THESE RESULTS
PLEASE SPEAK TO YOUR CONSULTING VETERINARY SURGEON**

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