



Proficiency testing for veterinary laboratories

Results tabulation for 13397/VI PT0145: Avian Reticuloendotheliosis (REV)

Distribution Date: 12/06/2018

ELISA	ELISA kit used	Pos/Neg Cutoff value	18/7437		18/7438		18/7439		18/7440		18/7441	
			SP Ratio	Interpretation (+ve/-ve/IC)	SP Ratio	Interpretation (+ve/-ve/IC)	SP Ratio	Interpretation (+ve/-ve/IC)	SP Ratio	Interpretation (+ve/-ve/IC)	SP Ratio	Interpretation (+ve/-ve/IC)
Intended			Negative		1/8 dilution		1/32 dilution		1/32 dilution		1/16 dilution	
				-ve		+ve		+ve		+ve		+ve
1041	Nil Return											
1143	BioChek / FS6853	> or = 0.5	0.175	-ve	2.023	+ve	0.797	+ve	0.831	+ve	1.348	+ve
1318	IDEXX BP904	0.5	0.013	-ve	1.423	+ve	0.434	-ve	0.412	-ve	0.815	+ve
1923	Idexx 09267-GN915	> 0.50	0.14	-ve	2.78	+ve	1.12	+ve	1.37	+ve	2.54	+ve

Testing carried out to determine the intended results of the samples using IDEXX ELISA, was subcontracted to an Animal and Plant Health Agency (APHA) laboratory.

Sample 18/7439 = 18/7440

Comments provided by John Fraser, APHA Lasswade

Laboratories 1143 and 1923 correctly identified all positive sample dilutions and the single negative sample.

Laboratory 1318 incorrectly identified the paired positive dilution (1:32) samples 18/7439 & 18/7440 as negative. The S/P ratios quoted for these samples were near to the kit +/- cut-off suggesting a kit / technique or colour development timing issue they may wish to investigate. Overall all S/P ratios given for this sample panel were at the lower end of expected ranges. All other interpretations given were correct.

Laboratory 1041 posted a nil return on this occasion.

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