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Proficiency Testing

View Tabulation

14039/SE PT0145: Avian Reticuloendotheliosis (REV)

This is the tabulation of results for the selected distribution.

ELISA	ELISA kit used	Pos/Neg Cutoff value	20/7001		20/7002		20/7003		20/7004		20/7005	
			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			1/32 dilution		1/8 dilution		1/8 dilution		1/48 dilution		Negative	
				+ve		+ve		+ve		+ve		-ve
1143	BioChek FS7401	> or = 0.5	0.811	+ve	2.316	+ve	2.385	+ve	0.684	+ve	0.148	-ve
1318	REV IDEXX lot: 09267-FR475	0.5	0.524	+ve	1.671	+ve	1.729	+ve	0.380	IC	0.059	-ve
1923	Idexx 09267-FR475	< 0.50 = Negative	1.10	+ve	3.08	+ve	3.61	+ve	0.67	+ve	0.15	-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 20/7002 = 20/7003

Comments provided by John Fraser, APHA Lasswade:

Laboratories 1143 & 1923 correctly identified all positive and negative samples.
 Laboratory 1318 Identified sample 20/7004 as IC - this was a low level positive sample that was diluted [1/48] to give a potential result nearer to the pos/neg cut-off.
 Although all other results correctly identified positive and negative samples, the S/P ratios obtained appear to be at the lower end of the expected S/P range for the samples and kit employed.

Distribution Date: 14/01/2020
 Version: 21/12/2017

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