


Results tabulation for 15049/SE PT0145: Avian Reticuloendotheliosis (REV)
Distribution Date: 21/06/2022

ELISA	ELISA kit used	Pos/Neg Cutoff value	22/7624		22/7625		22/7626		22/7627	
			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			1/16 dilution		1/32 dilution		1/8 dilution		Negative	
				+ve		+ve		+ve		-ve
1143	BioChek	>=0.5	1.476	+ve	1.012	+ve	2.393	+ve	0.355	-ve
1318	JT378	POSITIVE >= 0.501 SP VALUE	0.803	+ve	0.452	IC	1.483	+ve	0.036	-ve
1923	IDEXX Lot CU311B	NEG =<0.50 POS=>0.50	0.98	+ve	0.51	+ve	1.68	+ve	0.02	-ve

ELISA	22/7628	
	SP Ratio	Interpretation (+ve/-ve/IC)
Intended	1/16 dilution	
		+ve
1143	1.536	+ve
1318	0.759	+ve
1923	0.72	+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 22/7624 = 22/7628

Comments provided by Gail Markey, Quality Assurance Unit Sutton Bonington

Three laboratories participated in this distribution with all laboratories reporting the intended interpretations for samples 22/7627 (Negative), 22/7626 (1/8 dilution) and duplicate samples 22/7624 and 22/7628 (1/16 dilution).

Sample 22/7625 (1/32 dilution) was found to be positive by laboratories 1143 and 1923 with the SP ratio for lab 1923 being very close to the positive/negative cut off. Laboratory 1318 reported the sample as IC with an SP ratio just below the positive cut off.

Laboratory 1318 may wish to consider if they are content with this result taking into consideration routine diagnostic procedures including resampling or retesting.

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