



Proficiency testing for veterinary laboratories

Results tabulation for 14262/VI PT0142: Avian Leukosis Antigen

Distribution Date: 04/08/2020

ELISA	ELISA kit used	Pos/Neg Cutoff value	20/7479			20/7480			20/7481			20/7482			20/7483		
			Interpretation	S/P Ratio	OD Value	Interpretation	S/P Ratio	OD Value	Interpretation	S/P Ratio	OD Value	Interpretation	S/P Ratio	OD Value	Interpretation	S/P Ratio	OD Value
Intended			1/32 dilution			1/96 dilution			Negative			1/64 dilution			Negative		
			+ve			+ve			-ve			+ve			-ve		
1041	ALVAG IDVET E96	0.2	+ve	2.8	2.696	+ve	0.8	0.816	-ve	0.01	0.073	+ve	1.49	1.466	-ve	0.01	0.07
1143	IDEXX	>=0.5	+ve	1,188	1,599	+ve	0,379	0,574	-ve	0,02	0,08	+ve	0,636	0,881	-ve	0,023	0,084
1149	Nil return																
1923	IDEXX 09254-DR368	S/P > 0.2 = Positive	+ve	1.63	0.443	+ve	0.43	0.150	-ve	0.04	0.052	+ve	0.66	0.206	-ve	0.04	0.052

Testing carried out to determine the intended results of the samples using Idexx Leukosis Antigen test kit, was subcontracted to an Animal and Plant Health Agency (APHA) laboratory.

Sample 20/7481 = 20/7483. The positive samples were prepared from SPF chicken fibroblast cell cultures infected with ALV-J subgroup and diluted in negative serum.

Comments provided by John Fraser, APHA Lasswade

All participating laboratories correctly identified all positive and negative samples.
One minor observation on Pos/Neg cut-off entries - a probable typo for Lab 1143 entering 0.5 not 0.2

Laboratory 1149 posted a Nil Return.

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