


Results tabulation for 14465/VI PT0142: Avian Leukosis Antigen
Distribution Date: 02/02/2021

ELISA	21/7128			21/7129				
	ELISA kit used	Pos/Neg Cutoff value	Interpretation	S/P Ratio	OD Value	Interpretation	S/P Ratio	OD Value
Intended			1/20 dilution			Negative		
			+ve			-ve		
1143	IDEXX LR 209	>=0,5	+ve	1,013	1,416	-ve	0,030	0,100
1149	Nil Return							
1923	IDEXX 09254-BS657	S/P >0.2 = Positive	+ve	1.19	0.87	-ve	0.01	0.06

ELISA	21/7130			21/7131			21/7132		
	Interpretation	S/P Ratio	OD Value	Interpretation	S/P Ratio	OD Value	Interpretation	S/P Ratio	OD Value
Intended	1/60 dilution			1/40 dilution			1/60 dilution		
	+ve			+ve			+ve		
1143	+ve	0,375	0,562	+ve	0,573	0,827	+ve	0,369	0,554
1149	Nil Return								
1923	+ve	0.36	0.30	+ve	0.63	0.48	+ve	0.36	0.30

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 21/7130 = 21/7132. 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

Laboratories 1143 & 1923 correctly identified all positive and negative samples.

The S/P ratios for all testing gave excellent comparative results for the ELISA kit employed.

The S/P values indicated by both laboratories for the paired samples 21/7130 & 7132 showed notable similarity.

Laboratory 1143 also noted a delay in receiving samples.

Laboratory 1149 posted a Nil Return for this PT round.

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