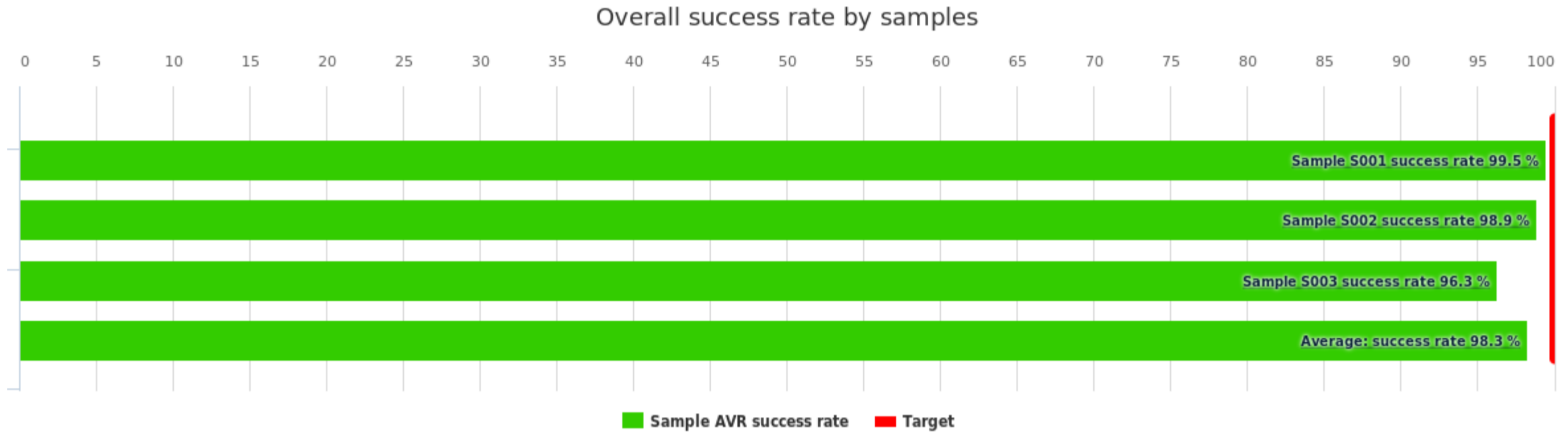


GLOBAL REPORT

	No of participants	No of responded participants	Response percentage
EBV mononucleosis, specific antibodies, February, 1-2024	105	101	96.2 %

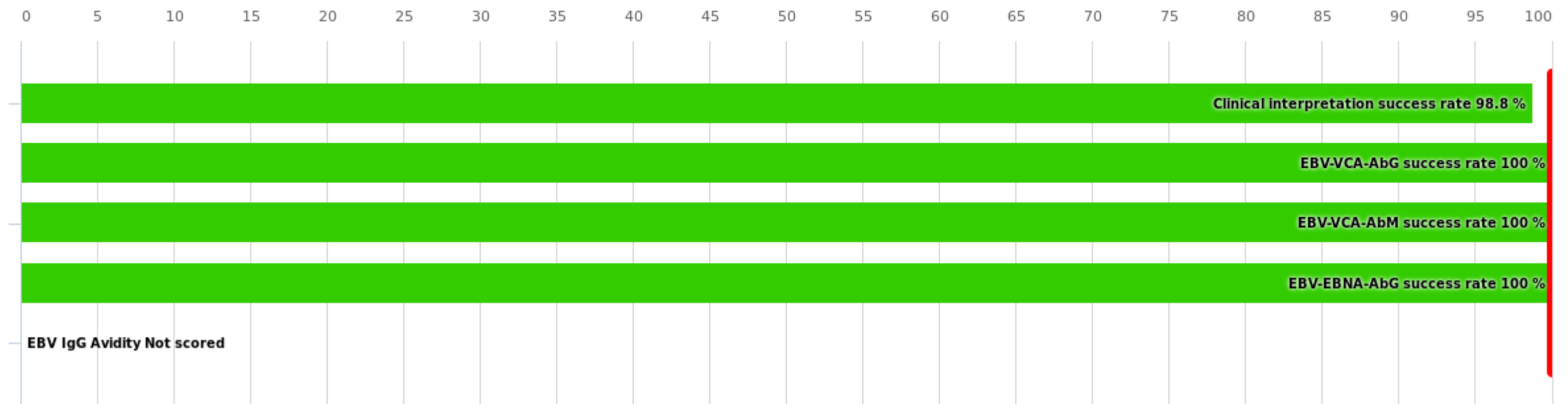
Summary



Summary	AVR success rate
Sample S001	99.5 %
Sample S002	98.9 %
Sample S003	96.3 %
Average:	98.3 %

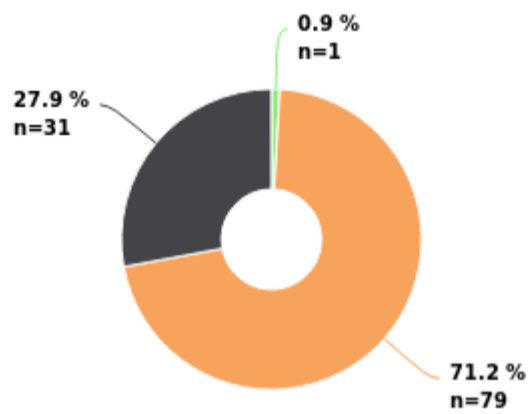
Sample S001

Sample S001 success rate



Sample S001 results	Responded	AVR success rate	Count
	Clinical interpretation	98.8 %	111
	EBV-VCA-AbG	100 %	96
	EBV-VCA-AbM	100 %	107
	EBV-EBNA-AbG	100 %	73
	EBV IgG Avidity	-	2
	Total:	99.5 %	389

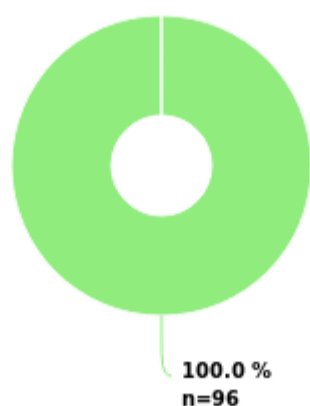
Sample S001 Clinical interpretation



■ Primary/recent infection
■ Old infection/immunity
■ Laboratory does not give clinical interpretation

Clinical interpretation	Interpretation	Further action	Interpretation count	Further action count	AVR success rate	Interpretation Score	Further action Score
	Primary/recent infection		1		0 %	0	
	Old infection/immunity		79		100 %	4	
		Would be referred to another laboratory for further examination		3	-		-
		New sample requested		4	-		-
	Laboratory does not give clinical interpretation		31		-	-	
		New sample requested		1	-		-
		Would be referred to another laboratory for further examination		2	-		-
	Total:		111		98.8 %		

Sample S001 EBV-VCA-AbG



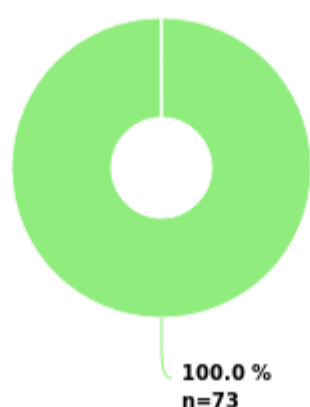
Positive

Sample S001 EBV-VCA-AbM



Negative

Sample S001 EBV-EBNA-AbG



Positive

Sample S001 EBV IgG Avidity



Strong avidity

EBV-VCA-AbG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Positive		96		100 %	2
		Abbott Alinity i EBV-VCA IgG		13		
		Abbott Architect EBV-VCA IgG		13		
		BioMérieux Vidas EBV VCA/EA IgG		3		
		bioMérieux VIDAS EBV Panel		8		
		Diamedix EBV VCA IgG		1		
		DiaSorin LIAISON VCA IgG		36		
		Diesse Chorus EPSTEIN-BARR VCA IgG		1		
		Euroimmun Anti-EBV-CA ELISA IgG		2		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		Genzyme VIROTECH EBV LINE IgG		1		
		IDS EBV VCA IgG		1		
		NovaTec NovaLisa ELISA EBV-VCA IgG		1		
		Orgentec Anti-EBV (VCA) IgG		4		
		Roche Elecsys EBV VCA IgG		1		
		Siemens Immulite EBV-VCA IgG		3		
		TestLine BLOT-LINE EBV IgG		1		
		TestLine CLIA EBV VCA IgG		1		
		TestLine EIA EBV VCA IgG		2		
		TestLine Microblot-Array EBV IgG		1		
		Vircell Virclia EBV VCA IgG monotest		1		
	Total:		96		100 %	

EBV-VCA-AbM	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		107		100 %	2
		Abbott Alinity i EBV-VCA IgM		16		

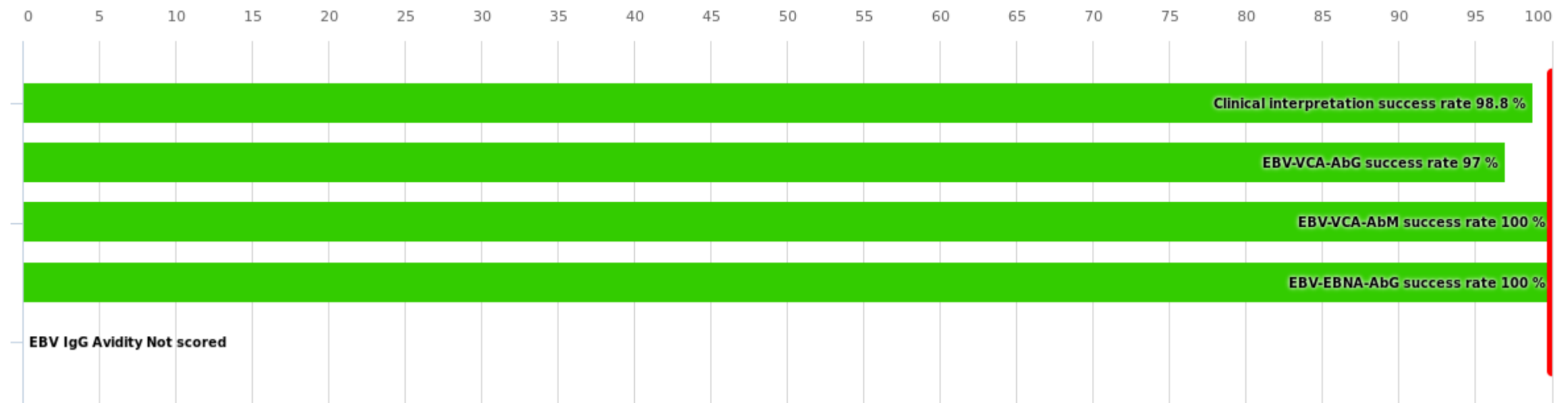
	Abbott Architect EBV-VCA IgM	16	
	Bio-Rad Anti-EBV VCA IgM ELISA	3	
	BioMerieux Vidas EBV VCA IgM	4	
	bioMérieux VIDAS EBV Panel	10	
	Diamedix EBV VCA IgM	1	
	DiaSorin LIAISON EBV IgM	36	
	Diesse Chorus EPSTEIN-BARR VCA IgM II	1	
	Euroimmun Anti-EBV-CA ELISA IgM	2	
	Euroimmun EBV EUROLINE	1	
	Euroimmun EBV IFA	1	
	Genzyme VIROTECH EBV LINE IgM	1	
	IDS EBV VCA IgM	1	
	NovaTec NovaLisa ELISA EBV-VCA IgM	1	
	Orgentec Anti-EBV (VCA) IgM	3	
	Roche Elecsys EBV IgM	1	
	Siemens Immulite EBV-VCA IgM	4	
	TestLine BLOT-LINE EBV IgM	1	
	TestLine CLIA EBV VCA IgM	1	
	TestLine EIA EBV VCA IgM	2	
	TestLine Microblot-Array EBV IgM	1	
Total:		107	100 %

EBV-EBNA-AbG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Positive		73		100 %	2
		Abbott Alinity i EBV-EBNA-1		11		
		Abbott Architect EBV EBNA1 IgG		10		
		BioMerieux Vidas EBV EBNA IgG		2		
		bioMérieux VIDAS EBV Panel		4		
		DiaSorin LIAISON EBNA IgG		30		
		Diesse Chorus EPSTEIN-BARR EBNA IgG		1		
		EPSTEIN-BARR EBNA VIRCLIA IgG MONOTEST		1		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		Euroimmun ELISA Anti-EBNA-1		1		
		Genzyme VIROTECH EBV LINE EBNA IgG		1		
		IDS EBV EBNA-1 IgG		1		
		NovaTec NovaLisa ELISA EBV-EBNA IgG		1		
		Orgentec Anti-EBV (EBNA-1) IgG		2		
		Roche Elecsys EBV EBNA IgG		1		
		TestLine BLOT-LINE EBV IgG		1		
		TestLine CLIA EBV EBNA-1 IgG		1		
		TestLine EIA EBV EBNA-1 IgG		2		
		TestLine Microblot-Array EBV IgG		1		
Total:			73		100 %	

EBV IgG Avidity	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Strong avidity		2		-	-
		Euroimmun EBV IFA		1		
		TestLine EIA EBV VCA IgG		1		
Total:			2			

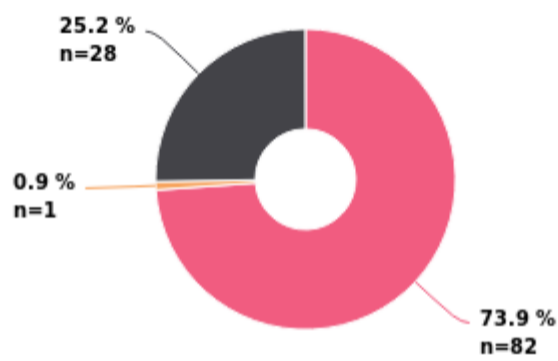
Sample S002

Sample S002 success rate



Sample S002 results	Responded	AVR success rate	Count
	Clinical interpretation	98.8 %	111
	EBV-VCA-AbG	97 %	99
	EBV-VCA-AbM	100 %	109
	EBV-EBNA-AbG	100 %	72
	EBV IgG Avidity	-	2
	Total:	98.9 %	393

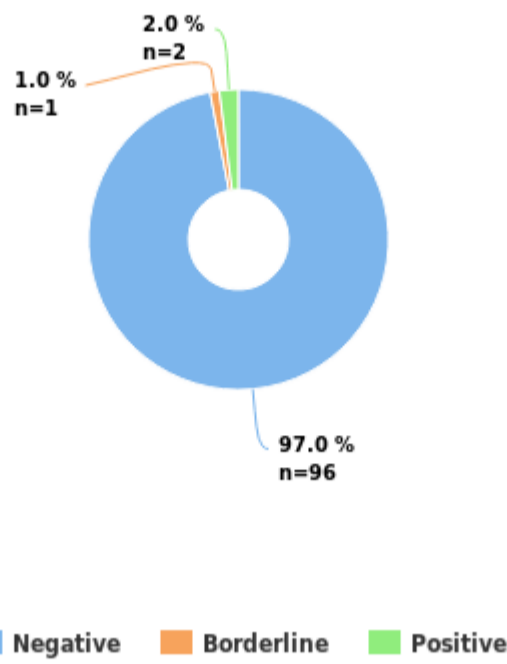
Sample S002 Clinical interpretation



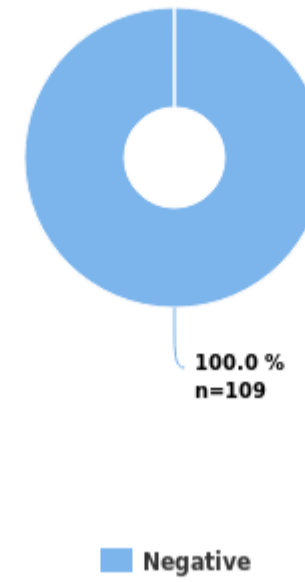
■ No (VCA) antibodies
■ Old infection/immunity
■ Laboratory does not give clinical interpretation

Clinical interpretation	Interpretation	Further action	Interpretation count	Further action count	AVR success rate	Interpretation Score	Further action Score
	No (VCA) antibodies		82		100 %	4	
		Would be referred to another laboratory for further examination		1	-		-
		New sample requested		3	-		-
	Old infection/immunity		1		0 %	0	
	Laboratory does not give clinical interpretation		28		-	-	
	Total:		111		98.8 %		

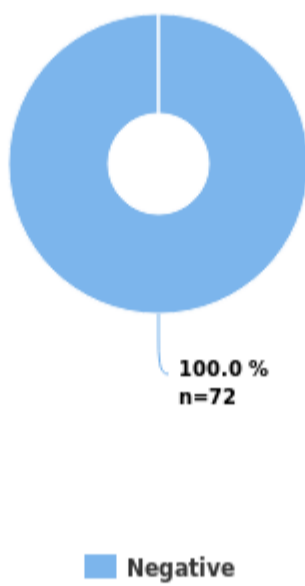
Sample S002 EBV-VCA-AbG



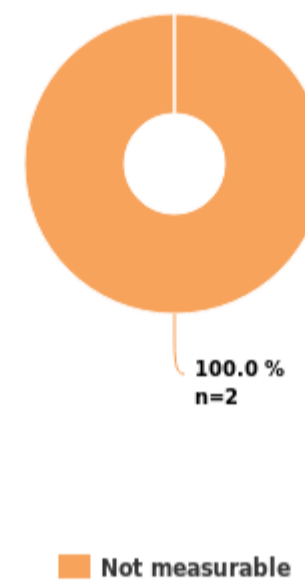
Sample S002 EBV-VCA-AbM



Sample S002 EBV-EBNA-AbG



Sample S002 EBV IgG Avidity



EBV-VCA-AbG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		96		100 %	2
		Abbott Alinity i EBV-VCA IgG		15		
		Abbott Architect EBV-VCA IgG		13		
		BioMérieux Vidas EBV VCA/EA IgG		3		
		bioMérieux VIDAS EBV Panel		8		
		Diamedix EBV VCA IgG		1		
		DiaSorin LIAISON VCA IgG		37		
		Diesse Chorus EPSTEIN-BARR VCA IgG		1		
		Euroimmun Anti-EBV-CA ELISA IgG		2		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		Genzyme VIROTECH EBV LINE IgG		1		
		IDS EBV VCA IgG		1		
		NovaTec NovaLisa ELISA EBV-VCA IgG		1		
		Orgentec Anti-EBV (VCA) IgG		4		
		Roche Elecsys EBV VCA IgG		1		
		TestLine BLOT-LINE EBV IgG		1		
		TestLine CLIA EBV VCA IgG		1		
		TestLine EIA EBV VCA IgG		2		
		TestLine Microblot-Array EBV IgG		1		
		Vircell Virclia EBV VCA IgG monotest		1		
	Borderline		1		0 %	0
		Siemens Immulite EBV-VCA IgG		1		
	Positive		2		0 %	0
		Siemens Immulite EBV-VCA IgG		2		
	Total:		99		97 %	

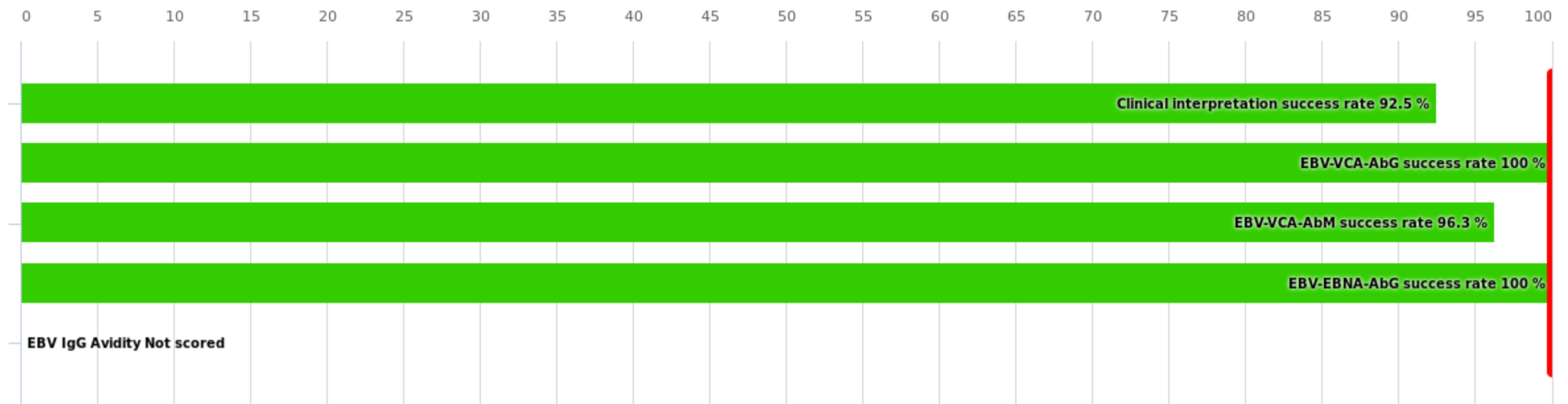
EBV-VCA-AbM	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		109		100 %	2
		Abbott Alinity i EBV-VCA IgM		17		
		Abbott Architect EBV-VCA IgM		16		
		Bio-Rad Anti-EBV VCA IgM ELISA		3		
		BioMerieux Vidas EBV VCA IgM		4		
		bioMérieux VIDAS EBV Panel		10		
		Diamedix EBV VCA IgM		1		
		DiaSorin LIAISON EBV IgM		37		
		Diesse Chorus EPSTEIN-BARR VCA IgM II		1		
		Euroimmun Anti-EBV-CA ELISA IgM		2		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		Genzyme VIROTECH EBV LINE IgM		1		
		IDS EBV VCA IgM		1		
		NovaTec NovaLisa ELISA EBV-VCA IgM		1		
		Orgentec Anti-EBV (VCA) IgM		3		
		Roche Elecsys EBV IgM		1		
		Siemens Immulite EBV-VCA IgM		4		
		TestLine BLOT-LINE EBV IgM		1		
		TestLine CLIA EBV VCA IgM		1		
		TestLine EIA EBV VCA IgM		2		
		TestLine Microblot-Array EBV IgM		1		
	Total:		109		100 %	

EBV-EBNA-AbG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		72		100 %	2
		Abbott Alinity i EBV-EBNA-1		11		
		Abbott Architect EBV EBNA1 IgG		10		
		BioMerieux Vidas EBV EBNA IgG		2		
		bioMérieux VIDAS EBV Panel		3		
		DiaSorin LIAISON EBNA IgG		30		
		Diesse Chorus EPSTEIN-BARR EBNA IgG		1		
		EPSTEIN-BARR EBNA VIRCLIA IgG MONOTEST		1		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		Euroimmun ELISA Anti-EBNA-1		1		
		Genzyme VIROTECH EBV LINE EBNA IgG		1		
		IDS EBV EBNA-1 IgG		1		
		NovaTec NovaLisa ELISA EBV-EBNA IgG		1		
		Orgentec Anti-EBV (EBNA-1) IgG		2		
		Roche Elecsys EBV EBNA IgG		1		
		TestLine BLOT-LINE EBV IgG		1		
		TestLine CLIA EBV EBNA-1 IgG		1		
		TestLine EIA EBV EBNA-1 IgG		2		
		TestLine Microblot-Array EBV IgG		1		
	Total:		72		100 %	

EBV IgG Avidity	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Not measurable		2		-	-
		Euroimmun EBV IFA		1		
		TestLine EIA EBV VCA IgG		1		
	Total:		2			

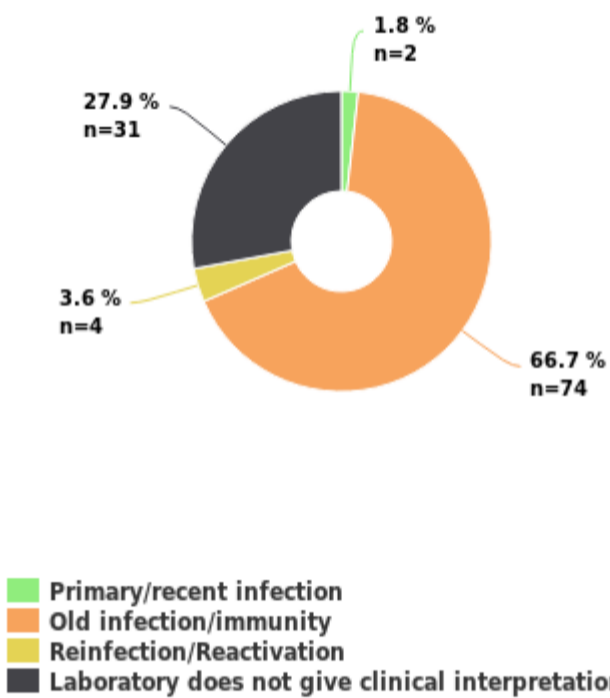
Sample S003

Sample S003 success rate



Sample S003 results	Responded	AVR success rate	Count
	Clinical interpretation	92.5 %	111
	EBV-VCA-AbG	100 %	96
	EBV-VCA-AbM	96.3 %	107
	EBV-EBNA-AbG	100 %	73
	EBV IgG Avidity	-	2
	Total:	96.3 %	389

Sample S003 Clinical interpretation



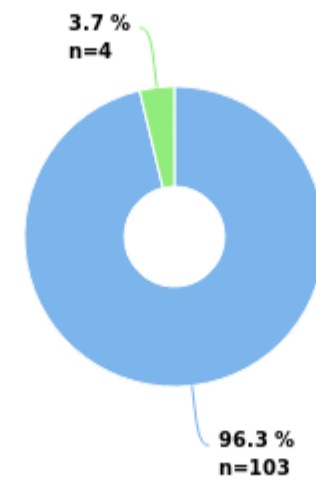
Clinical interpretation	Interpretation	Further action	Interpretation count	Further action count	AVR success rate	Interpretation Score	Further action Score
	Primary/recent infection		2		0 %	0	
	Old infection/immunity		74		100 %	4	
		Would be referred to another laboratory for further examination		2	-		-
		New sample requested		6	-		-
	Reinfection/Reactivation		4		0 %	0	
		Would be referred to another laboratory for further examination		1	-		-
	Laboratory does not give clinical interpretation		31		-	-	
		New sample requested		1	-		-
		Would be referred to another laboratory for further examination		2	-		-
	Total:		111		92.5 %		

Sample S003 EBV-VCA-AbG



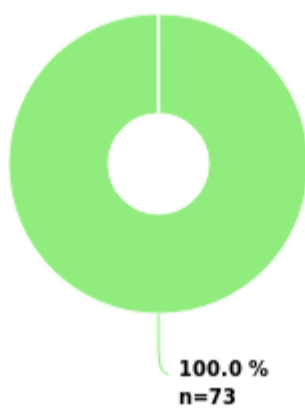
Positive

Sample S003 EBV-VCA-AbM



Negative Positive

Sample S003 EBV-EBNA-AbG



Positive

Sample S003 EBV IgG Avidity



Strong avidity

EBV-VCA-AbG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Positive		96		100 %	2
		Abbott Alinity i EBV-VCA IgG		13		
		Abbott Architect EBV-VCA IgG		13		
		BioMérieux Vidas EBV VCA/EA IgG		3		
		bioMérieux VIDAS EBV Panel		8		
		Diamedix EBV VCA IgG		1		
		DiaSorin LIAISON VCA IgG		36		
		Diesse Chorus EPSTEIN-BARR VCA IgG		1		
		Euroimmun Anti-EBV-CA ELISA IgG		2		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		Genzyme VIROTECH EBV LINE IgG		1		
		IDS EBV VCA IgG		1		
		NovaTec NovaLisa ELISA EBV-VCA IgG		1		
		Orgentec Anti-EBV (VCA) IgG		4		
		Roche Elecsys EBV VCA IgG		1		
		Siemens Immulite EBV-VCA IgG		3		
		TestLine BLOT-LINE EBV IgG		1		
		TestLine CLIA EBV VCA IgG		1		
		TestLine EIA EBV VCA IgG		2		
		TestLine Microblot-Array EBV IgG		1		
		Vircell Virclia EBV VCA IgG monotest		1		
	Total:		96		100 %	

EBV-VCA-AbM	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		103		100 %	2
		Abbott Alinity i EBV-VCA IgM		16		

		Abbott Architect EBV-VCA IgM		16		
		Bio-Rad Anti-EBV VCA IgM ELISA		3		
		BioMerieux Vidas EBV VCA IgM		4		
		bioMérieux VIDAS EBV Panel		10		
		Diamedix EBV VCA IgM		1		
		DiaSorin LIAISON EBV IgM		36		
		Diesse Chorus EPSTEIN-BARR VCA IgM II		1		
		Euroimmun Anti-EBV-CA ELISA IgM		2		
		Euroimmun EBV IFA		1		
		IDS EBV VCA IgM		1		
		NovaTec NovaLisa ELISA EBV-VCA IgM		1		
		Orgentec Anti-EBV (VCA) IgM		3		
		Roche Elecsys EBV IgM		1		
		Siemens Immulite EBV-VCA IgM		4		
		TestLine CLIA EBV VCA IgM		1		
		TestLine EIA EBV VCA IgM		2		
	Positive		4		0 %	0
		Euroimmun EBV EUROLINE		1		
		Genzyme VIROTECH EBV LINE IgM		1		
		TestLine BLOT-LINE EBV IgM		1		
		TestLine Microblot-Array EBV IgM		1		
	Total:		107		96.3 %	

EBV-EBNA-AbG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Positive		73		100 %	2
		Abbott Alinity i EBV-EBNA-1		11		
		Abbott Architect EBV EBNA1 IgG		10		
		BioMerieux Vidas EBV EBNA IgG		2		
		bioMérieux VIDAS EBV Panel		4		
		DiaSorin LIAISON EBNA IgG		30		
		Diesse Chorus EPSTEIN-BARR EBNA IgG		1		
		EPSTEIN-BARR EBNA VIRCLIA IgG MONOTEST		1		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		Euroimmun ELISA Anti-EBNA-1		1		
		Genzyme VIROTECH EBV LINE EBNA IgG		1		
		IDS EBV EBNA-1 IgG		1		
		NovaTec NovaLisa ELISA EBV-EBNA IgG		1		
		Orgentec Anti-EBV (EBNA-1) IgG		2		
		Roche Elecsys EBV EBNA IgG		1		
		TestLine BLOT-LINE EBV IgG		1		
		TestLine CLIA EBV EBNA-1 IgG		1		
		TestLine EIA EBV EBNA-1 IgG		2		
		TestLine Microblot-Array EBV IgG		1		
	Total:		73		100 %	

EBV IgG Avidity	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Strong avidity		2		-	-
		Euroimmun EBV IFA		1		
		TestLine EIA EBV VCA IgG		1		
	Total:		2			

Report Info

PARTICIPANTS

Altogether 105 laboratories from 23 countries participated in this EQA round.

REPORT INFO

The results are divided into groups according to the method stated by the laboratory and presented in laboratory-specific tables. Accepted results are marked with green color and laboratory's own result with a black radio button . In the scoring report you will find summaries of overall success rate and sample specific success rates (%). Sample specific interpretations are shown in pie diagrams as percentages and the total interpretation and methodic counts in the tables. If you have not reported any results you will get a note: "You have not responded in time, only global report is available."

For information on report interpretation and performance evaluation, please see the "EQAS Interpretation guidelines" in LabScala User instructions. In case you have any questions regarding the reports, please contact the EQA Coordinator.

SCORING

The round is scored based on test results and clinical interpretations when 60% or more of the participants report the expected result and when at least three results are reported.

The following general rules are applied:

Correct/expected test result 2/2 points
False/deviating test result 0/2 points
Correct/expected clinical interpretation 4/4 points
False/deviating clinical interpretation 0/4 points

The performance of the laboratory is assessed by the Own success rate (%). The target is 100%. The examination-specific scores obtained by the laboratory in the round are converted to Own success rate per sample (scores/maximum scores*100). The Laboratory's Own success rate is the average of the sample success rates.

The success rate for the entire round (AVR success rate) is calculated from the total number of scores given to the results per sample (all scores/maximum scores*100). The AVG success rate of the entire round is the average of the sample success rates. The difference in the Laboratory's Own success rate (%) to the corresponding numbers for the entire round is shown in the table.