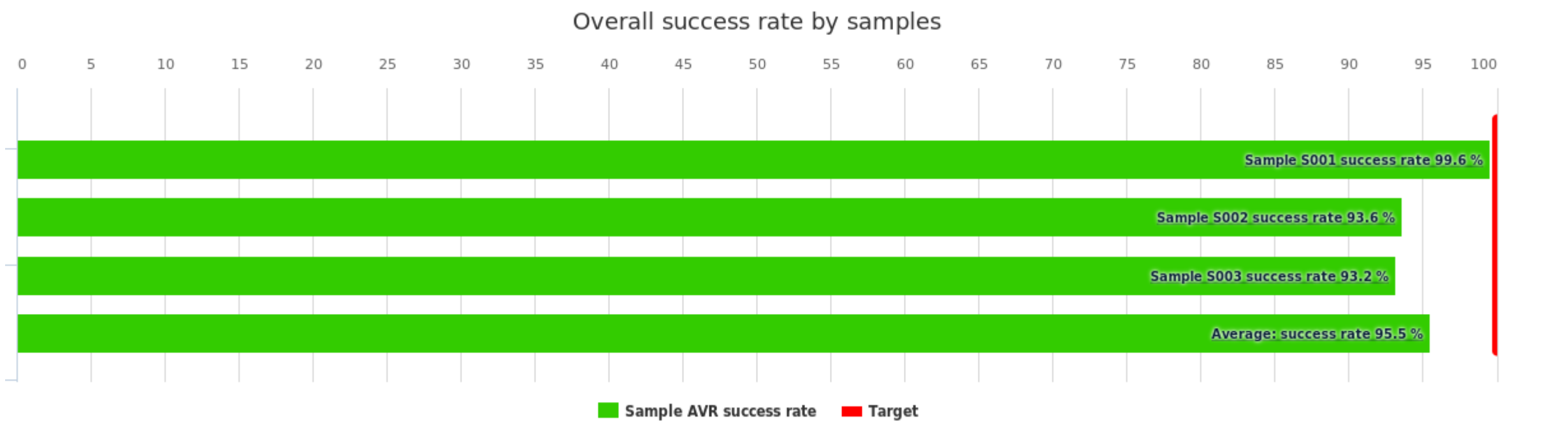


GLOBAL REPORT

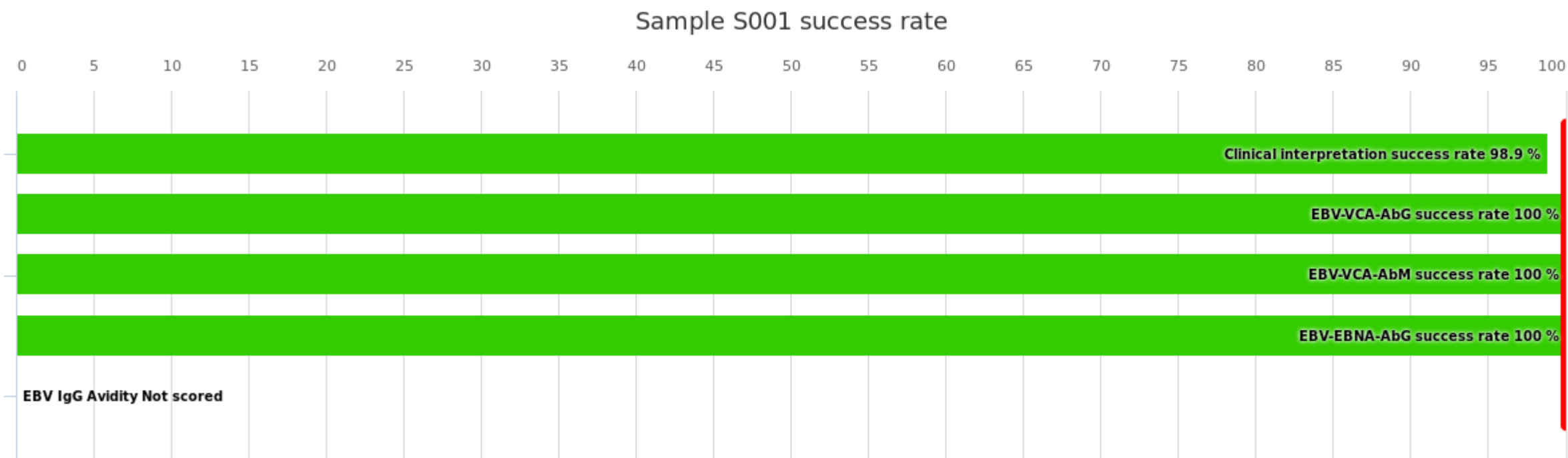
	No of participants	No of responded participants	Response percentage
EBV mononucleosis, specific antibodies, February, 1-2025	109	108	99.1 %

Summary



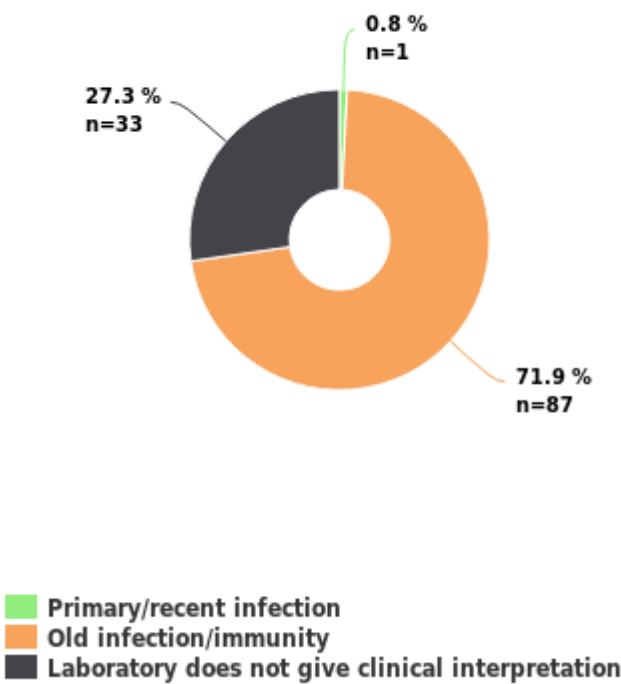
Summary	AVR success rate
Sample S001	99.6 %
Sample S002	93.6 %
Sample S003	93.2 %
Average:	95.5 %

Sample S001



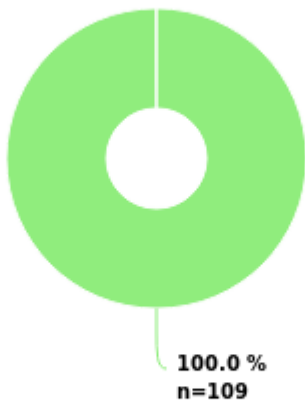
Sample S001 results	Responded	AVR success rate	Count
	Clinical interpretation	98.9 %	121
	EBV-VCA-AbG	100 %	109
	EBV-VCA-AbM	100 %	118
	EBV-EBNA-AbG	100 %	80
	EBV IgG Avidity	-	4
	Total:	99.6 %	432

Sample S001 Clinical interpretation



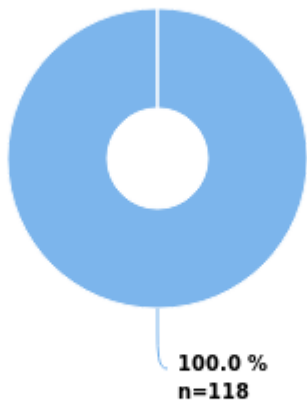
Clinical interpretation	Interpretation	Further action	Interpretation count	Further action count	AVR success rate	Interpretation Score	Further action Score
	Primary/recent infection		1		0 %	0	
	Old infection/immunity		87		100 %	4	
		New sample requested		1	-		-
		Would be referred to another laboratory for further examination		2	-		-
	Laboratory does not give clinical interpretation		33		-	-	
		Would be referred to another laboratory for further examination		2	-		-
		New sample requested		1	-		-
	Total:		121		98.9 %		

Sample S001 EBV-VCA-AbG



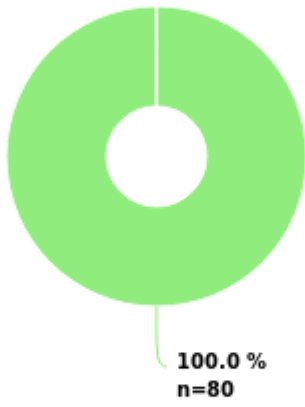
Positive

Sample S001 EBV-VCA-AbM



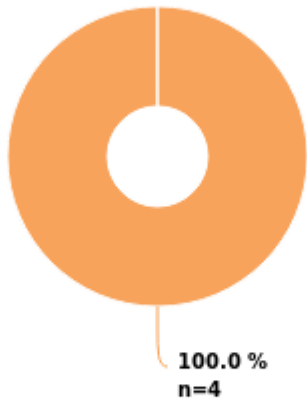
Negative

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		109		100 %	2
		Abbott Alinity i EBV-VCA IgG		17		
		Abbott Architect EBV-VCA IgG		15		
		BioMerieux Vidas EBV VCA/EA IgG		4		
		bioMérieux VIDAS EBV Panel		7		
		DiaSorin LIAISON VCA IgG		38		
		Diesse Chorus EPSTEIN-BARR VCA IgG		1		
		Euroimmun Anti-EBV-CA ELISA IgG		1		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		IDS EBV VCA IgG		1		
		NovaTec NovaLisa ELISA EBV-VCA IgG		1		
		Orgentec Anti-EBV (VCA) IgG		3		
		Roche Elecsys EBV VCA IgG		4		
		Siemens Immulite EBV-VCA IgG		3		
		TestLine CLIA EBV VCA IgG		1		
		TestLine EIA EBV VCA IgG		2		
		TestLine Microblot-Array EBV IgG		1		
		Vircell EPSTEIN-BARR VCA ELISA IgG		1		
		Vircell Virclia EBV VCA IgG monotest		3		
		Virion SERION ELISA EBV VCA IgG		3		
		ZEUS IFA EBV-VCA IgG Test System		1		
	Total:		109		100 %	

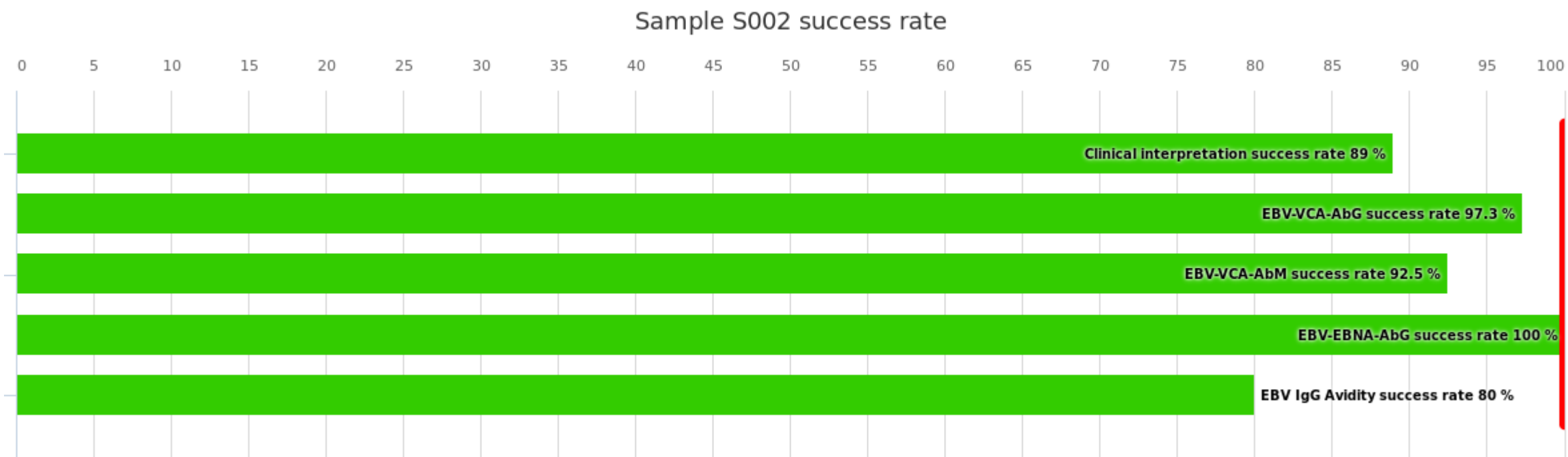
EBV-VCA-AbM	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		118		100 %	2
		Abbott Alinity i EBV-VCA IgM		19		

		Abbott Architect EBV-VCA IgM		18		
		Bio-Rad Anti-EBV VCA IgM ELISA		3		
		BioMerieux Vidas EBV VCA IgM		4		
		bioMérieux VIDAS EBV Panel		9		
		DiaSorin LIAISON EBV IgM		37		
		Diesse Chorus EPSTEIN-BARR VCA IgM II		1		
		Euroimmun Anti-EBV-CA ELISA IgM		1		
		Euroimmun EBV EUROLINE		1		
		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		4		
		Siemens Immulite EBV-VCA IgM		4		
		TestLine CLIA EBV VCA IgM		1		
		TestLine EIA EBV VCA IgM		2		
		TestLine Microblot-Array EBV IgM		1		
		Vircell EPSTEIN-BARR VCA ELISA IgM		1		
		Vircell Virclia EBV VCA IgM monotest		2		
		Virion SERION ELISA EBV VCA IgM		3		
		ZEUS IFA EBV-VCA IgM Test System		1		
	Total:		118		100 %	

EBV-EBNA-AbG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Positive		80		100 %	2
		Abbott Alinity i EBV-EBNA-1		13		
		Abbott Architect EBV EBNA1 IgG		10		
		BioMerieux Vidas EBV EBNA IgG		4		
		bioMérieux VIDAS EBV Panel		4		
		DiaSorin LIAISON EBNA IgG		31		
		Diesse Chorus EPSTEIN-BARR EBNA IgG		1		
		EPSTEIN-BARR EBNA VIRCLIA IgG MONOTEST		4		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		NovaTec NovaLisa ELISA EBV-EBNA IgG		1		
		Orgentec Anti-EBV (EBNA-1) IgG		1		
		Roche Elecsys EBV EBNA IgG		2		
		Siemens Immulite EBV-EBNA IgG		1		
		Snibe MAGLUMI EBV NA IgG		1		
		TestLine CLIA EBV EBNA-1 IgG		1		
		TestLine EIA EBV EBNA-1 IgG		2		
		TestLine Microblot-Array EBV IgG		1		
		Virion SERION ELISA EBNA-1 IgG		1		
	Total:		80		100 %	

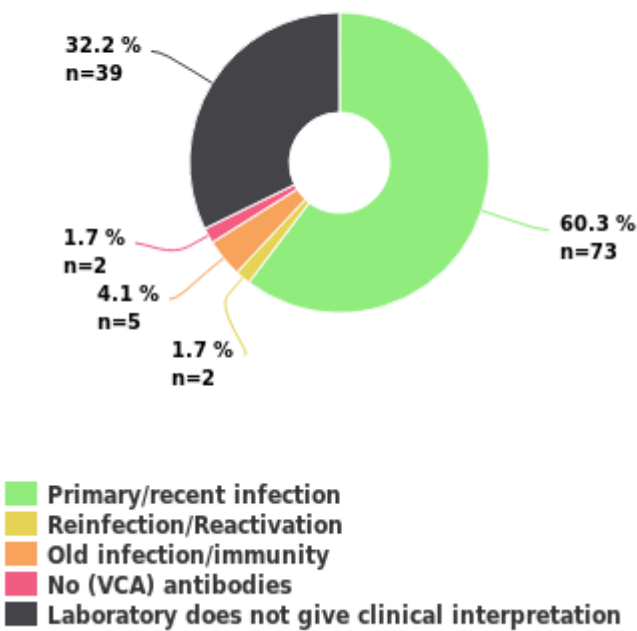
EBV IgG Avidity	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Strong avidity		4		-	-
		Euroimmun EBV IFA		2		
		In-house EIA		1		
		TestLine EIA EBV VCA IgG		1		
	Total:		4			

Sample S002



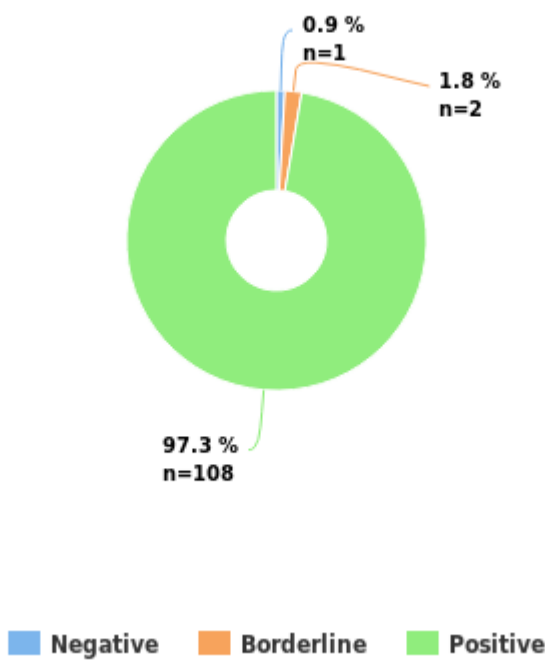
Sample S002 results	Responded	AVR success rate	Count
	Clinical interpretation	89 %	121
	EBV-VCA-AbG	97.3 %	111
	EBV-VCA-AbM	92.5 %	120
	EBV-EBNA-AbG	100 %	83
	EBV IgG Avidity	80 %	5
	Total:	93.6 %	440

Sample S002 Clinical interpretation

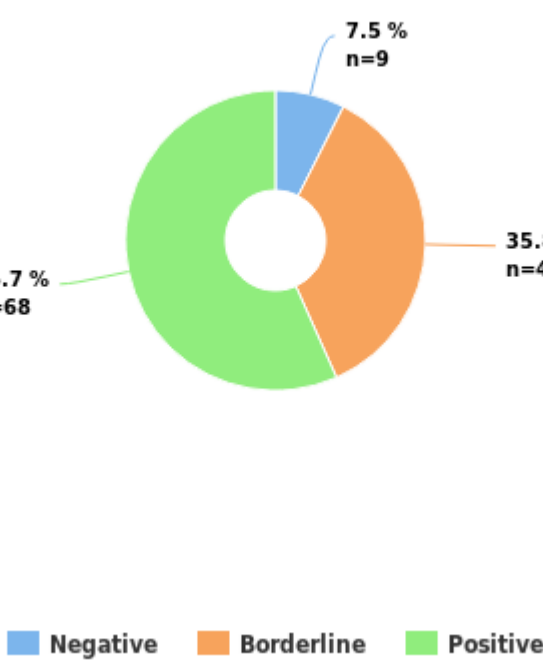


Clinical interpretation	Interpretation	Further action	Interpretation count	Further action count	AVR success rate	Interpretation Score	Further action Score
	Primary/recent infection		73		100 %	4	
		New sample requested		12	-		-
		Would be referred to another laboratory for further examination		4	-		-
	Reinfection/Reactivation		2		0 %	0	
		New sample requested		1	-		-
	Old infection/immunity		5		0 %	0	
	No (VCA) antibodies		2		0 %	0	
	Laboratory does not give clinical interpretation		39		-	-	
		New sample requested		5	-		-
		Would be referred to another laboratory for further examination		3	-		-
	Total:		121		89 %		

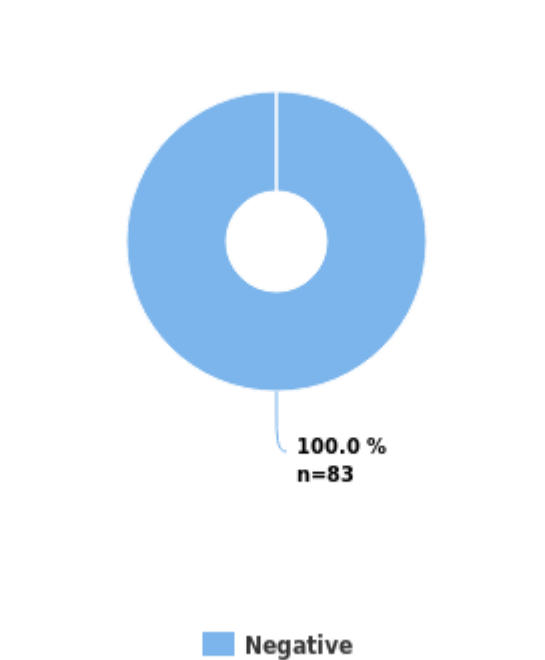
Sample S002 EBV-VCA-AbG



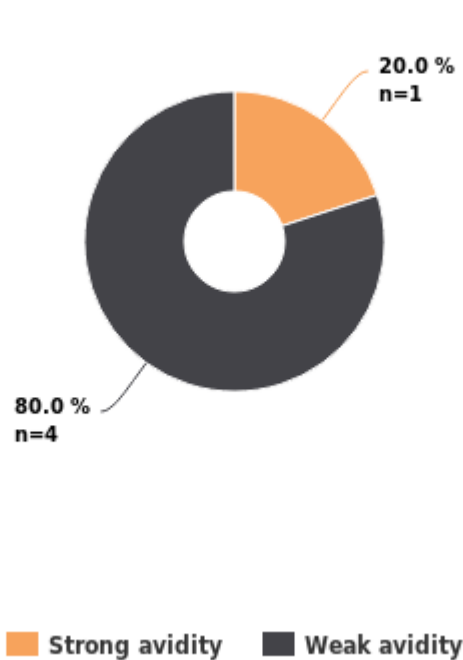
Sample S002 EBV-VCA-AbM



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		1		0 %	0
		DiaSorin LIAISON VCA IgG		1		
	Borderline		2		0 %	0
		Orgentec Anti-EBV (VCA) IgG		1		
		Vircell EPSTEIN-BARR VCA ELISA IgG		1		
	Positive		108		100 %	2
		Abbott Alinity i EBV-VCA IgG		18		
		Abbott Architect EBV-VCA IgG		15		
		BioMerieux Vidas EBV VCA/EA IgG		4		
		bioMérieux VIDAS EBV Panel		7		
		DiaSorin LIAISON VCA IgG		38		
		Diesse Chorus EPSTEIN-BARR VCA IgG		1		
		Euroimmun Anti-EBV-CA ELISA IgG		1		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		IDS EBV VCA IgG		1		
		NovaTec NovaLisa ELISA EBV-VCA IgG		1		
		Orgentec Anti-EBV (VCA) IgG		2		
		Roche Elecsys EBV VCA IgG		4		
		Siemens Immulite EBV-VCA IgG		3		
		TestLine CLIA EBV VCA IgG		1		
		TestLine EIA EBV VCA IgG		2		
		TestLine Microblot-Array EBV IgG		1		
		Vircell Virclia EBV VCA IgG monotest		3		
		Virion SERION ELISA EBV VCA IgG		3		
		ZEUS IFA EBV-VCA IgG Test System		1		
	Total:		111		97.3 %	

EBV-VCA-AbM	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		9		0 %	0
		Abbott Alinity i EBV-VCA IgM		3		
		Abbott Architect EBV-VCA IgM		3		
		Diesse Chorus EPSTEIN-BARR VCA IgM II		1		
		Roche Elecsys EBV IgM		2		
	Borderline		43		100 %	2
		Abbott Alinity i EBV-VCA IgM		16		
		Abbott Architect EBV-VCA IgM		14		
		BioMerieux Vidas EBV VCA IgM		3		
		bioMérieux VIDAS EBV Panel		7		
		IDS EBV VCA IgM		1		
		Roche Elecsys EBV IgM		2		
	Positive		68		100 %	2
		Abbott Alinity i EBV-VCA IgM		1		
		Bio-Rad Anti-EBV VCA IgM ELISA		3		
		BioMerieux Vidas EBV VCA IgM		1		
		bioMérieux VIDAS EBV Panel		2		
		DiaSorin LIAISON EBV IgM		39		
		Euroimmun Anti-EBV-CA ELISA IgM		1		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		NovaTec NovaLisa ELISA EBV-VCA IgM		1		
		Orgentec Anti-EBV (VCA) IgM		3		
		Siemens Immulite EBV-VCA IgM		4		
		TestLine CLIA EBV VCA IgM		1		
		TestLine EIA EBV VCA IgM		2		
		TestLine Microblot-Array EBV IgM		1		
		Vircell EPSTEIN-BARR VCA ELISA IgM		1		
		Vircell Virclia EBV VCA IgM monotest		2		
		Virion SERION ELISA EBV VCA IgM		3		
		ZEUS IFA EBV-VCA IgM Test System		1		
	Total:		120		92.5 %	

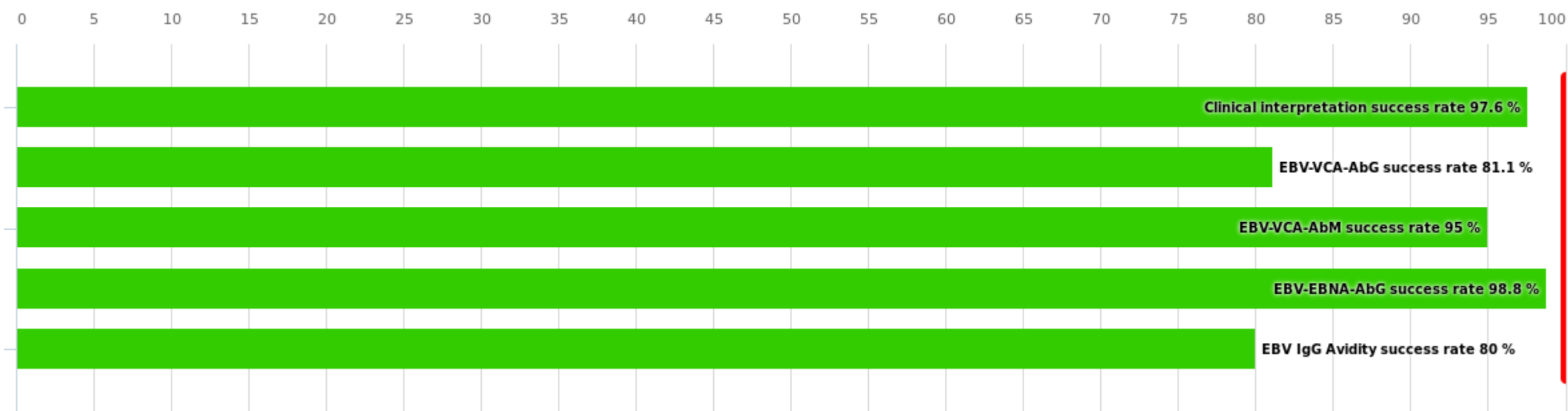
EBV-EBNA-AbG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		83		100 %	2
		Abbott Alinity i EBV-EBNA-1		13		
		Abbott Architect EBV EBNA1 IgG		9		
		BioMerieux Vidas EBV EBNA IgG		4		
		bioMérieux VIDAS EBV Panel		4		
		DiaSorin LIAISON EBNA IgG		35		
		Diesse Chorus EPSTEIN-BARR EBNA IgG		1		
		EPSTEIN-BARR EBNA VIRCLIA IgG MONOTEST		4		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		NovaTec NovaLisa ELISA EBV-EBNA IgG		1		
		Orgentec Anti-EBV (EBNA-1) IgG		1		
		Roche Elecsys EBV EBNA IgG		2		
		Siemens Immulite EBV-EBNA IgG		1		
		Snibe MAGLUMI EBV NA IgG		1		
		TestLine CLIA EBV EBNA-1 IgG		1		
		TestLine EIA EBV EBNA-1 IgG		2		
		TestLine Microblot-Array EBV IgG		1		
		Virion SERION ELISA EBNA-1 IgG		1		
	Total:		83		100 %	

EBV IgG Avidity	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Strong avidity		1		0 %	0
		Euroimmun EBV IFA		1		
	Weak avidity		4		100 %	2
		Euroimmun Anti-EBV-CA ELISA IgG AVI		1		
		Euroimmun EBV IFA		1		
		In-house EIA		1		

		TestLine EIA EBV VCA IgG		1		
	Total:		5		80 %	

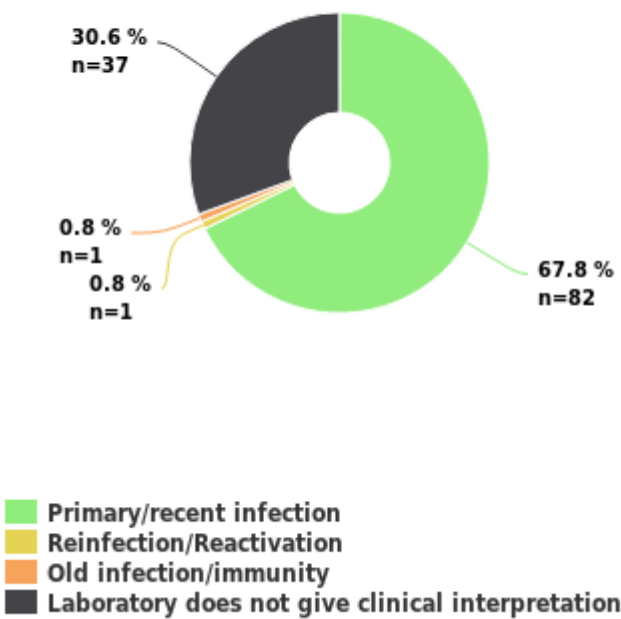
Sample S003

Sample S003 success rate



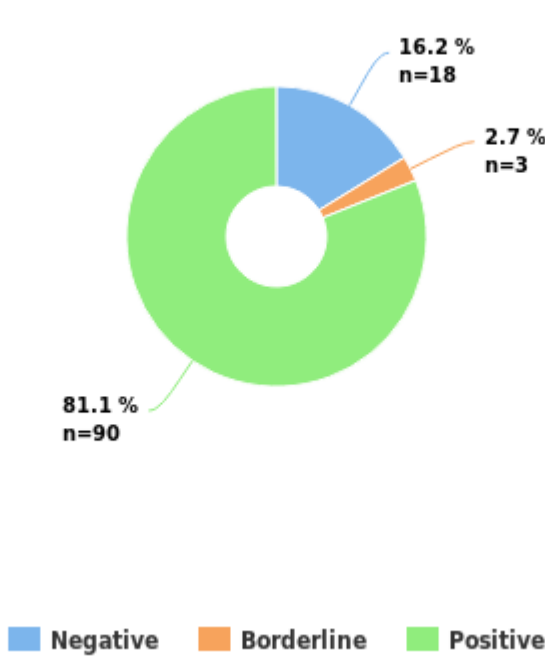
Sample S003 results	Responded	AVR success rate	Count
	Clinical interpretation	97.6 %	121
	EBV-VCA-AbG	81.1 %	111
	EBV-VCA-AbM	95 %	120
	EBV-EBNA-AbG	98.8 %	83
	EBV IgG Avidity	80 %	5
	Total:	93.2 %	440

Sample S003 Clinical interpretation

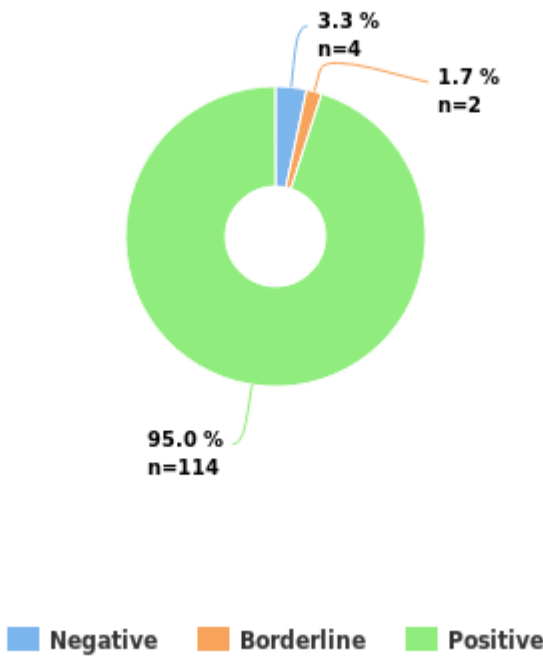


Clinical interpretation	Interpretation	Further action	Interpretation count	Further action count	AVR success rate	Interpretation Score	Further action Score
	Primary/recent infection		82		100 %	4	
		New sample requested		13	-		-
		Would be referred to another laboratory for further examination		4	-		-
	Reinfection/Reactivation		1		0 %	0	
		Would be referred to another laboratory for further examination		1	-		-
	Old infection/immunity		1		0 %	0	
	Laboratory does not give clinical interpretation		37		-	-	
		New sample requested		4	-		-
		Would be referred to another laboratory for further examination		2	-		-
	Total:		121		97.6 %		

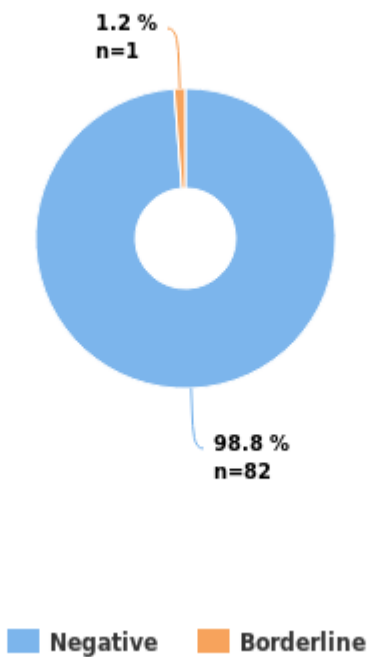
Sample S003 EBV-VCA-AbG



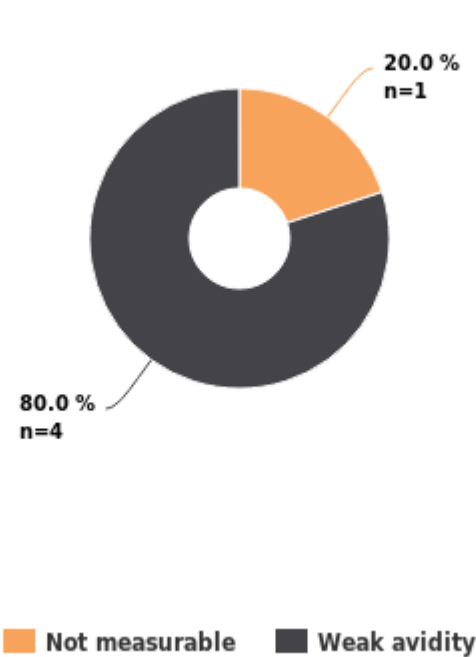
Sample S003 EBV-VCA-AbM



Sample S003 EBV-EBNA-AbG



Sample S003 EBV IgG Avidity



EBV-VCA-AbG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		18		0 %	0
		DiaSorin LIAISON VCA IgG		13		
		Diesse Chorus EPSTEIN-BARR VCA IgG		1		
		Roche Elecsys EBV VCA IgG		4		
	Borderline		3		0 %	0
		DiaSorin LIAISON VCA IgG		2		
		Orgentec Anti-EBV (VCA) IgG		1		
	Positive		90		100 %	2
		Abbott Alinity i EBV-VCA IgG		18		
		Abbott Architect EBV-VCA IgG		15		
		BioMerieux Vidas EBV VCA/EA IgG		4		
		bioMérieux VIDAS EBV Panel		7		
		DiaSorin LIAISON VCA IgG		24		
		Euroimmun Anti-EBV-CA ELISA IgG		1		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		IDS EBV VCA IgG		1		
		NovaTec NovaLisa ELISA EBV-VCA IgG		1		
		Orgentec Anti-EBV (VCA) IgG		2		
		Siemens Immulite EBV-VCA IgG		3		
		TestLine CLIA EBV VCA IgG		1		
		TestLine EIA EBV VCA IgG		2		
		TestLine Microblot-Array EBV IgG		1		
		Vircell EPSTEIN-BARR VCA ELISA IgG		1		
		Vircell Virclia EBV VCA IgG monotest		3		
		Virion SERION ELISA EBV VCA IgG		3		
		ZEUS IFA EBV-VCA IgG Test System		1		
	Total:		111		81.1 %	

EBV-VCA-AbM	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		4		0 %	0
		Orgentec Anti-EBV (VCA) IgM		1		
		Vircell EPSTEIN-BARR VCA ELISA IgM		1		
		Virion SERION ELISA EBV VCA IgM		2		
	Borderline		2		0 %	0
		TestLine EIA EBV VCA IgM		1		
		Virion SERION ELISA EBV VCA IgM		1		
	Positive		114		100 %	2
		Abbott Alinity i EBV-VCA IgM		20		
		Abbott Architect EBV-VCA IgM		17		
		Bio-Rad Anti-EBV VCA IgM ELISA		3		
		BioMerieux Vidas EBV VCA IgM		4		
		bioMérieux VIDAS EBV Panel		9		
		DiaSorin LIAISON EBV IgM		39		
		Diesse Chorus EPSTEIN-BARR VCA IgM II		1		
		Euroimmun Anti-EBV-CA ELISA IgM		1		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		IDS EBV VCA IgM		1		
		NovaTec NovaLisa ELISA EBV-VCA IgM		1		
		Orgentec Anti-EBV (VCA) IgM		2		
		Roche Elecsys EBV IgM		4		
		Siemens Immulite EBV-VCA IgM		4		
		TestLine CLIA EBV VCA IgM		1		
		TestLine EIA EBV VCA IgM		1		
		TestLine Microblot-Array EBV IgM		1		
		Vircell Virclia EBV VCA IgM monotest		2		
		ZEUS IFA EBV-VCA IgM Test System		1		
	Total:		120		95 %	

EBV-EBNA-AbG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		82		100 %	2
		Abbott Alinity i EBV-EBNA-1		13		
		Abbott Architect EBV EBNA1 IgG		9		
		BioMerieux Vidas EBV EBNA IgG		4		
		bioMérieux VIDAS EBV Panel		4		
		DiaSorin LIAISON EBNA IgG		35		
		Diesse Chorus EPSTEIN-BARR EBNA IgG		1		
		EPSTEIN-BARR EBNA VIRCLIA IgG MONOTEST		4		
		Euroimmun EBV EUROLINE		1		
		Euroimmun EBV IFA		1		
		NovaTec NovaLisa ELISA EBV-EBNA IgG		1		
		Orgentec Anti-EBV (EBNA-1) IgG		1		
		Roche Elecsys EBV EBNA IgG		2		
		Snibe MAGLUMI EBV NA IgG		1		
		TestLine CLIA EBV EBNA-1 IgG		1		
		TestLine EIA EBV EBNA-1 IgG		2		
		TestLine Microblot-Array EBV IgG		1		
		Virion SERION ELISA EBNA-1 IgG		1		
	Borderline		1		0 %	0
		Siemens Immulite EBV-EBNA IgG		1		
	Total:		83		98.8 %	

EBV IgG Avidity	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Not measurable		1		0 %	0
		Euroimmun EBV IFA		1		
	Weak avidity		4		100 %	2
		Euroimmun Anti-EBV-CA ELISA IgG AVI		1		
		Euroimmun EBV IFA		1		
		In-house EIA		1		
		TestLine EIA EBV VCA IgG		1		

	Total:		5		80 %	
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Report Info

PARTICIPANTS

Altogether 109 laboratories from 22 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.