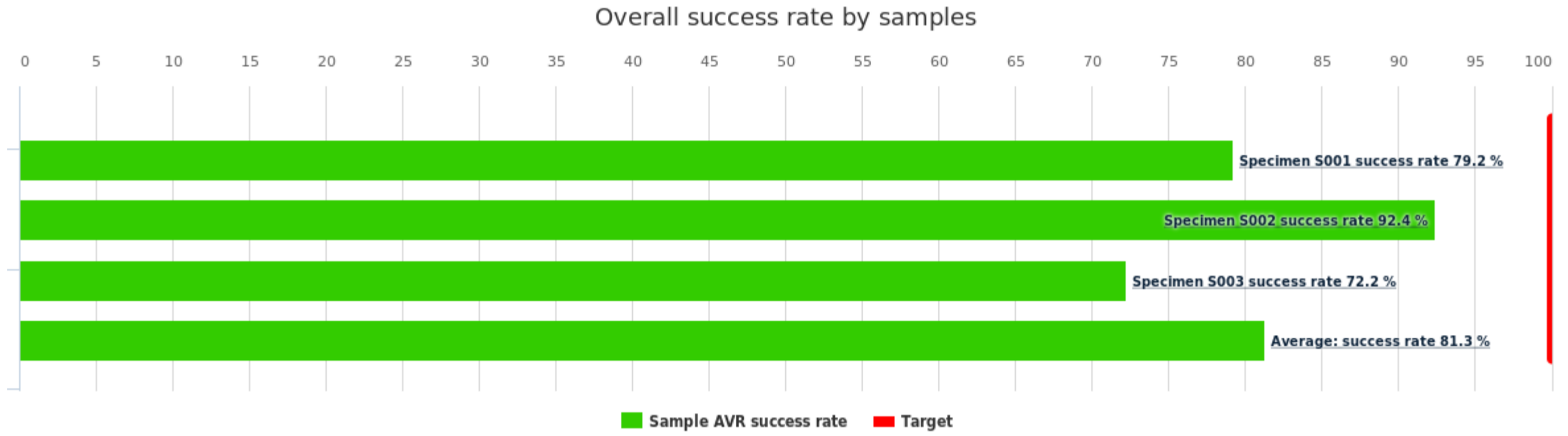


GLOBAL REPORT

	No of participants	No of responded participants	Response percentage
Chlamydia pneumoniae, antibodies, December, 4-2023	37	35	94.6 %

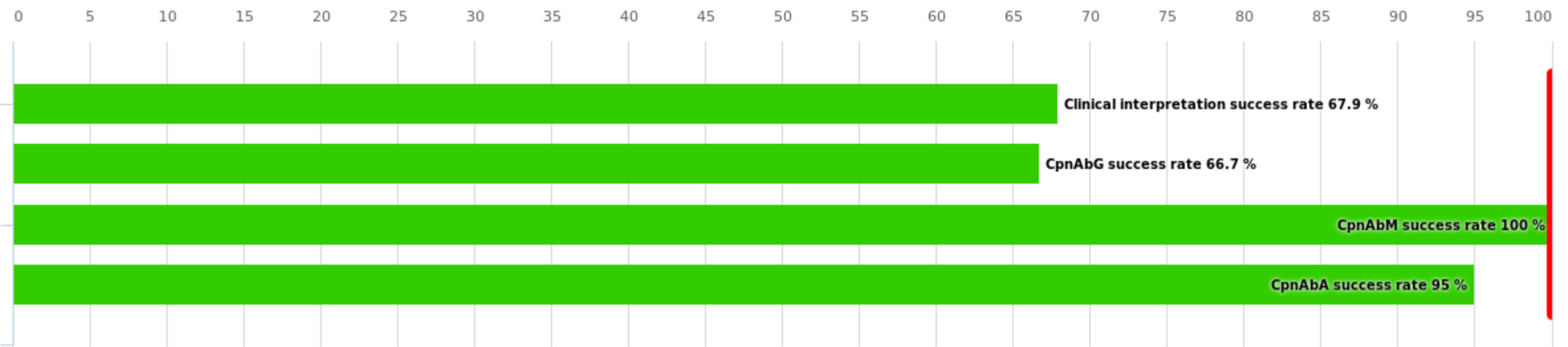
Summary



Summary	AVR success rate
Specimen S001	79.2 %
Specimen S002	92.4 %
Specimen S003	72.2 %
Average:	81.3 %

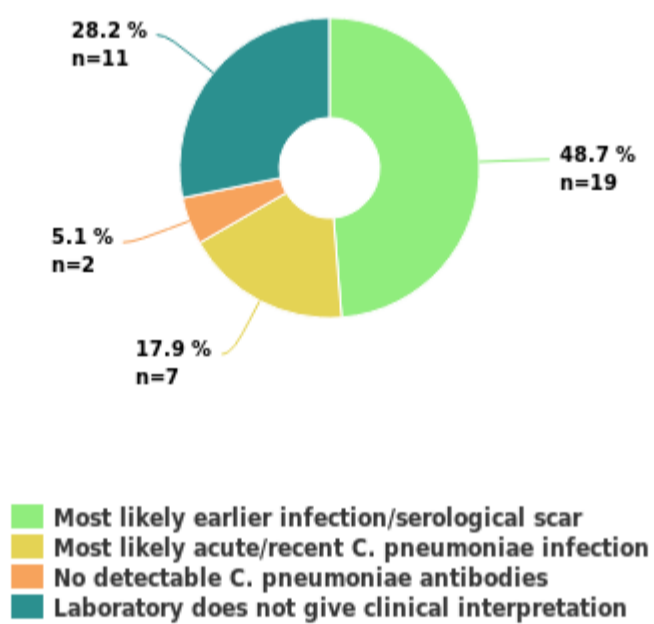
Specimen S001

Specimen S001 success rate



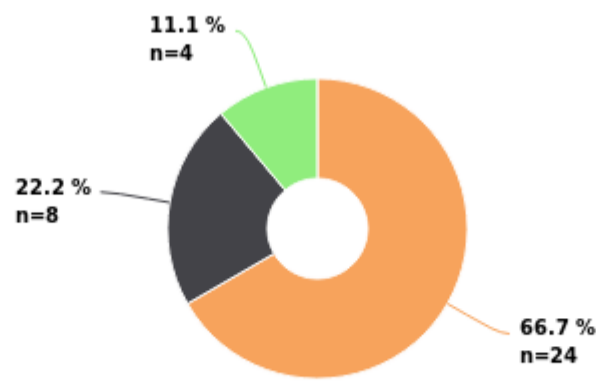
Specimen S001 results	Responded	AVR success rate	Count
	Clinical interpretation	67.9 %	39
	CpnAbG	66.7 %	36
	CpnAbM	100 %	37
	CpnAbA	95 %	20
	Total:	79.2 %	132

Specimen S001 Clinical interpretation



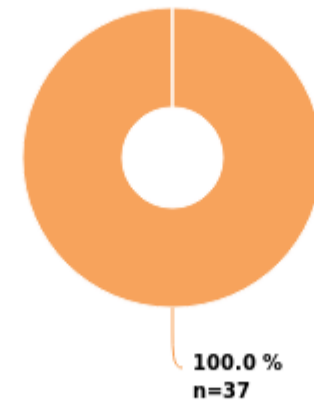
Clinical interpretation	Clinical interpretation	Further handling	Clinical interpretation count	Further handling count	AVR success rate	Clinical interpretation Score	Further handling Score
	Most likely earlier infection/serological scar		19		100 %	4	
		A second sample is requested		8	-		-
	Most likely acute/recent C. pneumoniae infection		7		0 %	0	
	No detectable C. pneumoniae antibodies		2		0 %	0	
	Laboratory does not give clinical interpretation		11		-	-	
		Referred to confirmation		1	-		-
	Total:		39		67.9 %		

Specimen S001 CpnAbG



Positive Borderline Negative

Specimen S001 CpnAbM



Negative

Specimen S001 CpnAbA



Positive Negative

CpnAbG	Result	Methodics	Result count	Methodics count	AVR success rate	Result Score
	Positive		24		100 %	2
		Euroimmun Anti-C. pneumoniae ELISA		6		
		Labsystems Diagnostics Chlamydia pneumoniae EIA		2		
		Novatec NovaLisa C. pneumoniae ELISA		2		
		Orgentec Diagnostika Anti-Chlamydia pneumoniae Abs		2		
		Savyon Diagnostics SeroCP Quant kit		1		
		Siemens Novagnost		1		
		TestLine Clinical Diagnostics CLIA Chlamydia pneumoniae IgG		1		
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae		1		
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae REC IgG		1		
		TestLine Clinical Diagnostics SmartEIA Chlamydia pneumoniae		2		
		Vircell Chlamydomphila pneumoniae ELISA		3		
		Vircell Chlamydomphila pneumoniae IFA		1		
		Vircell Chlamydomphila pneumoniae VIRCLIA Monotest		1		
	Borderline		8		0 %	0
		Euroimmun Anti-C. pneumoniae ELISA		1		
		Euroimmun Anti-Chlamydia pneumoniae MIF		1		
		Labsystems Diagnostics Chlamydia pneumoniae EIA		1		
		Novatec NovaLisa C. pneumoniae ELISA		1		
		Orgentec Diagnostika Anti-Chlamydia pneumoniae Abs		1		
		TestLine Clinical Diagnostics Microblot-Array Chlamydia		1		
		Virion/Serion SERION ELISA classic C. pneumoniae		2		
	Negative		4		0 %	0

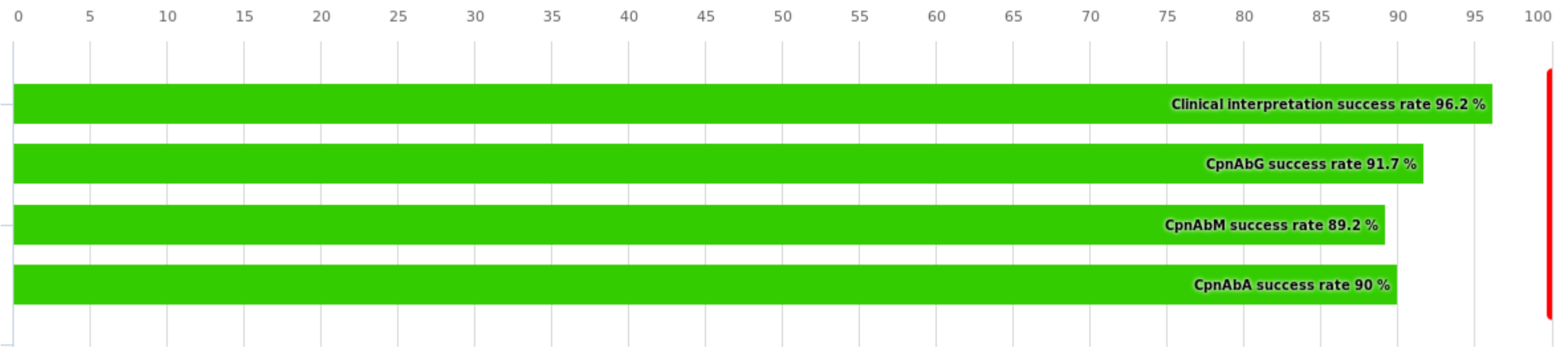
		Euroimmun Anti-Chlamydia pneumoniae MIF		1		
		Savyon Diagnostics SeroFIA C. pneumoniae		1		
		Virion/Serion SERION ELISA classic C. pneumoniae		2		
	Total:		36		66.7 %	

CpnAbM	Result	Methodics	Result count	Methodics count	AVR success rate	Result Score
	Negative		37		100 %	2
		DIAsource Chlamydia pneumoniae ELISA		1		
		Euroimmun Anti-C. pneumoniae ELISA		6		
		Euroimmun Anti-Chlamydia pneumoniae MIF		3		
		Labsystems Diagnostics Chlamydia pneumoniae EIA		3		
		Novatec NovaLisa C. pneumoniae ELISA		3		
		Orgentec Diagnostika Anti-Chlamydia pneumoniae Abs		3		
		Savyon Diagnostics SeroCP		1		
		Savyon Diagnostics SeroFIA C. pneumoniae		1		
		Siemens Novagnost		1		
		TestLine Clinical Diagnostics CLIA Chlamydia pneumoniae IgM		1		
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae		2		
		TestLine Clinical Diagnostics SmartEIA Chlamydia pneumoniae		2		
		Vircell Chlamydomphila pneumoniae ELISA		3		
		Vircell Chlamydomphila pneumoniae IFA		1		
		Vircell Chlamydomphila pneumoniae VIRCLIA Monotest		1		
		Virion/Serion SERION ELISA classic C. pneumoniae		5		
	Total:		37		100 %	

CpnAbA	Result	Methodics	Result count	Methodics count	AVR success rate	Result Score
	Positive		19		100 %	2
		Euroimmun Anti-C. pneumoniae ELISA		3		
		Euroimmun Anti-Chlamydia pneumoniae MIF		1		
		Labsystems Diagnostics Chlamydia pneumoniae EIA		1		
		Novatec NovaLisa C. pneumoniae ELISA		1		
		Orgentec Diagnostika Anti-Chlamydia pneumoniae Abs		2		
		Siemens Novagnost		1		
		TestLine Clinical Diagnostics CLIA Chlamydia pneumoniae IgA		1		
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae		1		
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae REC IgA		1		
		TestLine Clinical Diagnostics Microblot-Array Chlamydia		1		
		TestLine Clinical Diagnostics SmartEIA Chlamydia pneumoniae		2		
		Vircell Chlamydomphila pneumoniae ELISA		1		
		Vircell Chlamydomphila pneumoniae VIRCLIA Monotest		1		
		Virion/Serion SERION ELISA classic C. pneumoniae		2		
	Negative		1		0 %	0
		Savyon Diagnostics SeroCP		1		
	Total:		20		95 %	

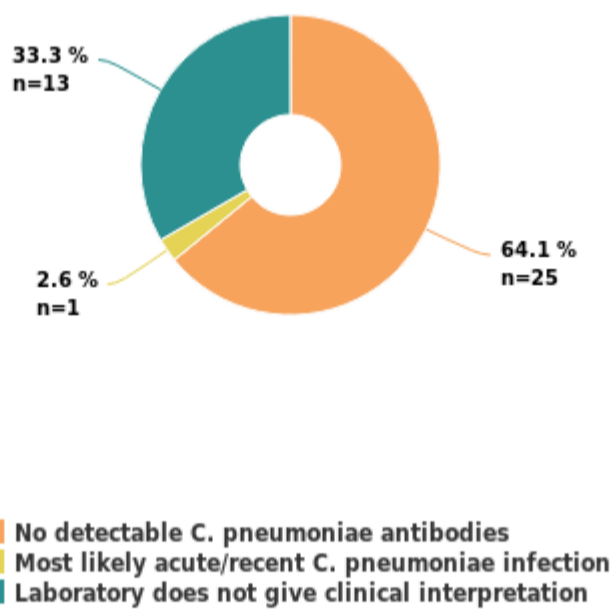
Specimen S002

Specimen S002 success rate



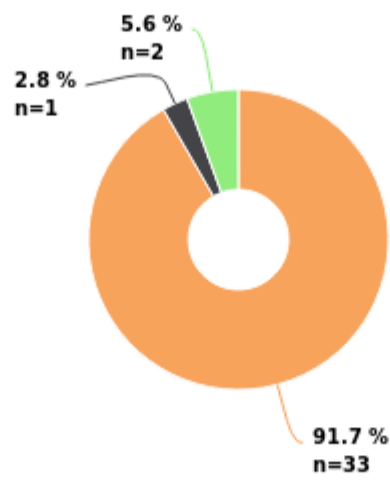
Specimen S002 results	Responded	AVR success rate	Count
	Clinical interpretation	96.2 %	39
	CpnAbG	91.7 %	36
	CpnAbM	89.2 %	37
	CpnAbA	90 %	20
	Total:	92.4 %	132

Specimen S002 Clinical interpretation



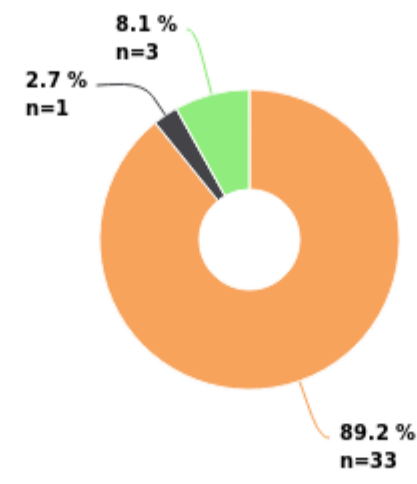
Clinical interpretation	Clinical interpretation	Further handling	Clinical interpretation count	Further handling count	AVR success rate	Clinical interpretation Score	Further handling Score
	No detectable C. pneumoniae antibodies		25		100 %	4	
		A second sample is requested		5	-		-
	Most likely acute/recent C. pneumoniae infection		1		0 %	0	
	Laboratory does not give clinical interpretation		13		-	-	
		Referred to confirmation		1	-		-
		A second sample is requested		1	-		-
	Total:		39		96.2 %		

Specimen S002 CpnAbG



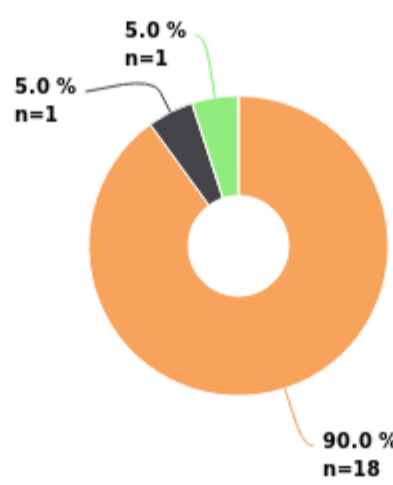
Legend: Negative (Orange), Borderline (Dark Grey), Positive (Light Green)

Specimen S002 CpnAbM



Legend: Negative (Orange), Borderline (Dark Grey), Positive (Light Green)

Specimen S002 CpnAbA



Legend: Negative (Orange), Borderline (Dark Grey), Positive (Light Green)

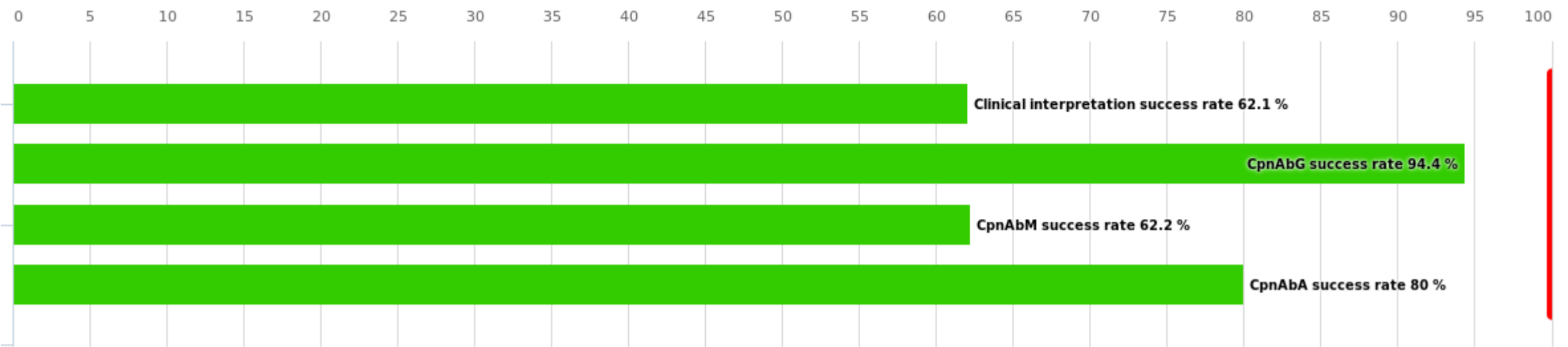
CpnAbG	Result	Methodics	Result count	Methodics count	AVR success rate	Result Score
	Negative		33		100 %	2
		Euroimmun Anti-C. pneumoniae ELISA		7		
		Euroimmun Anti-Chlamydia pneumoniae MIF		2		
		Labsystems Diagnostics Chlamydia pneumoniae EIA		3		
		Novatec NovaLisa C. pneumoniae ELISA		3		
		Orgentec Diagnostika Anti-Chlamydia pneumoniae Abs		3		
		Savyon Diagnostics SeroCP Quant kit		1		
		Siemens Novagnost		1		
		TestLine Clinical Diagnostics CLIA Chlamydia pneumoniae IgG		1		
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae		1		
		TestLine Clinical Diagnostics Microblot-Array Chlamydia		1		
		TestLine Clinical Diagnostics SmartEIA Chlamydia pneumoniae		2		
		Vircell Chlamydomphila pneumoniae ELISA		3		
		Vircell Chlamydomphila pneumoniae IFA		1		
		Vircell Chlamydomphila pneumoniae VIRCLIA Monotest		1		
		Virion/Serion SERION ELISA classic C. pneumoniae		3		
	Borderline		1		0 %	0
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae REC IgG		1		
	Positive		2		0 %	0
		Savyon Diagnostics SeroFIA C. pneumoniae		1		
		Virion/Serion SERION ELISA classic C. pneumoniae		1		
	Total:		36		91.7 %	

CpnAbM	Result	Methodics	Result count	Methodics count	AVR success rate	Result Score
	Negative		33		100 %	2
		Euroimmun Anti-C. pneumoniae ELISA		6		
		Euroimmun Anti-Chlamydia pneumoniae MIF		2		
		Labsystems Diagnostics Chlamydia pneumoniae EIA		3		
		Novatec NovaLisa C. pneumoniae ELISA		2		
		Orgentec Diagnostika Anti-Chlamydia pneumoniae Abs		3		
		Savyon Diagnostics SeroCP		1		
		Savyon Diagnostics SeroFIA C. pneumoniae		1		
		Siemens Novagnost		1		
		TestLine Clinical Diagnostics CLIA Chlamydia pneumoniae IgM		1		
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae		2		
		TestLine Clinical Diagnostics SmartEIA Chlamydia pneumoniae		2		
		Vircell Chlamydomphila pneumoniae ELISA		3		
		Vircell Chlamydomphila pneumoniae IFA		1		
		Vircell Chlamydomphila pneumoniae VIRCLIA Monotest		1		
		Virion/Serion SERION ELISA classic C. pneumoniae		4		
	Borderline		1		0 %	0
		Novatec NovaLisa C. pneumoniae ELISA		1		
	Positive		3		0 %	0
		DIAsource Chlamydia pneumoniae ELISA		1		
		Euroimmun Anti-Chlamydia pneumoniae MIF		1		
		Virion/Serion SERION ELISA classic C. pneumoniae		1		
	Total:		37		89.2 %	

CpnAbA	Result	Methodics	Result count	Methodics count	AVR success rate	Result Score
	Negative		18		100 %	2
		Euroimmun Anti-C. pneumoniae ELISA		3		
		Euroimmun Anti-Chlamydia pneumoniae MIF		1		
		Labsystems Diagnostics Chlamydia pneumoniae EIA		1		
		Novatec NovaLisa C. pneumoniae ELISA		1		
		Orgentec Diagnostika Anti-Chlamydia pneumoniae Abs		2		
		Savyon Diagnostics SeroCP		1		
		Siemens Novagnost		1		
		TestLine Clinical Diagnostics CLIA Chlamydia pneumoniae IgA		1		
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae		1		
		TestLine Clinical Diagnostics Microblot-Array Chlamydia		1		
		TestLine Clinical Diagnostics SmartEIA Chlamydia pneumoniae		2		
		Vircell Chlamydomphila pneumoniae ELISA		1		
		Vircell Chlamydomphila pneumoniae VIRCLIA Monotest		1		
		Virion/Serion SERION ELISA classic C. pneumoniae		1		
	Borderline		1		0 %	0
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae REC IgA		1		
	Positive		1		0 %	0
		Virion/Serion SERION ELISA classic C. pneumoniae		1		
	Total:		20		90 %	

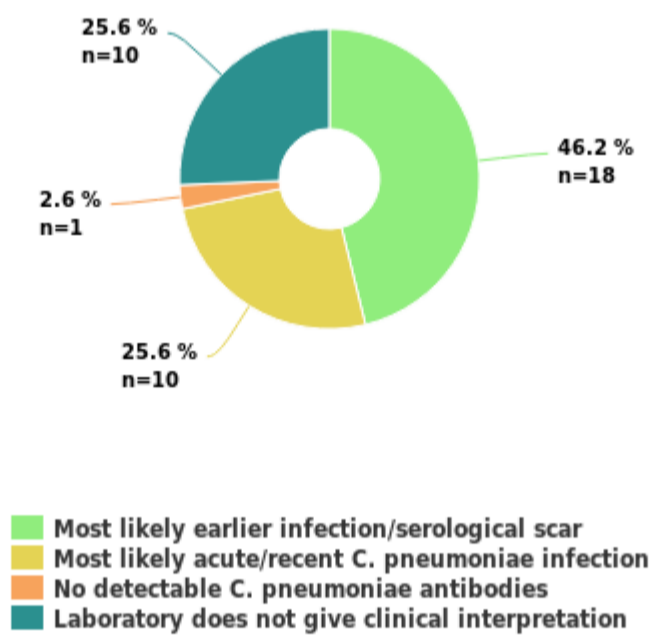
Specimen S003

Specimen S003 success rate



Specimen S003 results	Responded	AVR success rate	Count
	Clinical interpretation	62.1 %	39
	CpnAbG	94.4 %	36
	CpnAbM	62.2 %	37
	CpnAbA	80 %	20
	Total:	72.2 %	132

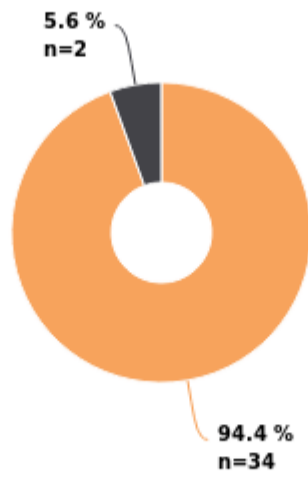
Specimen S003 Clinical interpretation



Clinical interpretation	Clinical interpretation	Further handling	Clinical interpretation count	Further handling count	AVR success rate	Clinical interpretation Score	Further handling Score
	Most likely earlier infection/serological scar		18		100 %	4	
		Referred to confirmation		1	-		-
		A second sample is requested		3	-		-
	Most likely acute/recent C. pneumoniae infection		10		0 %	0	
		A second sample is requested		3	-		-
		Referred to confirmation		1	-		-
	No detectable C. pneumoniae antibodies		1		0 %	0	
	Laboratory does not give clinical interpretation		10		-	-	
	Total:		39		62.1 %		

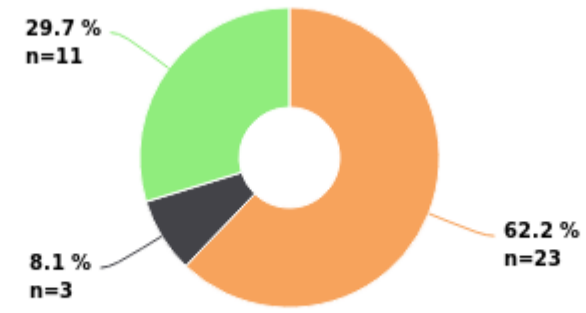


Specimen S003 CpnAbG



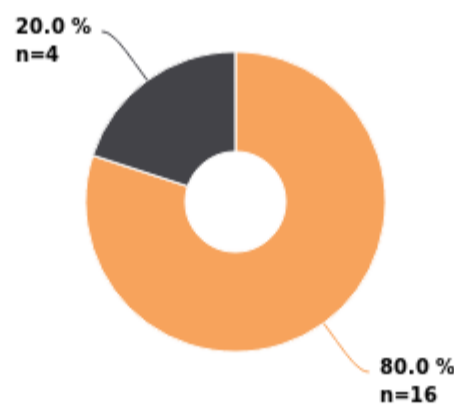
Positive Negative

Specimen S003 CpnAbM



Negative Borderline Positive

Specimen S003 CpnAbA



Negative Positive

CpnAbG	Result	Methodics	Result count	Methodics count	AVR success rate	Result Score
	Positive		34		100 %	2
		Euroimmun Anti-C. pneumoniae ELISA		7		
		Euroimmun Anti-Chlamydia pneumoniae MIF		2		
		Labsystems Diagnostics Chlamydia pneumoniae EIA		3		
		Novatec NovaLisa C. pneumoniae ELISA		3		
		Orgentec Diagnostika Anti-Chlamydia pneumoniae Abs		3		
		Savyon Diagnostics SeroCP Quant kit		1		
		Siemens Novagnost		1		
		TestLine Clinical Diagnostics CLIA Chlamydia pneumoniae IgG		1		
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae		1		
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae REC IgG		1		
		TestLine Clinical Diagnostics Microblot-Array Chlamydia		1		
		TestLine Clinical Diagnostics SmartEIA Chlamydia pneumoniae		2		
		Vircell Chlamydothila pneumoniae ELISA		3		
		Vircell Chlamydothila pneumoniae IFA		1		
		Vircell Chlamydothila pneumoniae VIRCLIA Monotest		1		
		Virion/Serion SERION ELISA classic C. pneumoniae		3		
	Negative		2		0 %	0
		Savyon Diagnostics SeroFIA C. pneumoniae		1		
		Virion/Serion SERION ELISA classic C. pneumoniae		1		
	Total:		36		94.4 %	

CpnAbM	Result	Methodics	Result count	Methodics count	AVR success rate	Result Score
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Negative		23	100 %	2
	Euroimmun Anti-C. pneumoniae ELISA		6	
	Euroimmun Anti-Chlamydia pneumoniae MIF		3	
	Novatec NovaLisa C. pneumoniae ELISA		2	
	Orgentec Diagnostika Anti-Chlamydia pneumoniae Abs		3	
	Savyon Diagnostics SeroFIA C. pneumoniae		1	
	Siemens Novagnost		1	
	TestLine Clinical Diagnostics CLIA Chlamydia pneumoniae IgM		1	
	TestLine Clinical Diagnostics EIA Chlamydia pneumoniae		2	
	TestLine Clinical Diagnostics SmartEIA Chlamydia pneumoniae		2	
	Vircell Chlamydothila pneumoniae IFA		1	
	Virion/Serion SERION ELISA classic C. pneumoniae		1	
Borderline		3	0 %	0
	Labsystems Diagnostics Chlamydia pneumoniae EIA		3	
Positive		11	0 %	0
	DIAsource Chlamydia pneumoniae ELISA		1	
	Novatec NovaLisa C. pneumoniae ELISA		1	
	Savyon Diagnostics SeroCP		1	
	Vircell Chlamydothila pneumoniae ELISA		3	
	Vircell Chlamydothila pneumoniae VIRCLIA Monotest		1	
	Virion/Serion SERION ELISA classic C. pneumoniae		4	
Total:		37	62.2 %	

CpnAbA	Result	Methodics	Result count	Methodics count	AVR success rate	Result Score
	Negative		16		100 %	2
		Euroimmun Anti-C. pneumoniae ELISA		3		
		Euroimmun Anti-Chlamydia pneumoniae MIF		1		
		Labsystems Diagnostics Chlamydia pneumoniae EIA		1		
		Novatec NovaLisa C. pneumoniae ELISA		1		
		Orgentec Diagnostika Anti-Chlamydia pneumoniae Abs		2		
		Savyon Diagnostics SeroCP		1		
		Siemens Novagnost		1		
		TestLine Clinical Diagnostics CLIA Chlamydia pneumoniae IgA		1		
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae		1		
		TestLine Clinical Diagnostics Microblot-Array Chlamydia		1		
		TestLine Clinical Diagnostics SmartEIA Chlamydia pneumoniae		2		
		Virion/Serion SERION ELISA classic C. pneumoniae		1		
	Positive		4		0 %	0
		TestLine Clinical Diagnostics EIA Chlamydia pneumoniae REC IgA		1		
		Vircell Chlamydothila pneumoniae ELISA		1		
		Vircell Chlamydothila pneumoniae VIRCLIA Monotest		1		
		Virion/Serion SERION ELISA classic C. pneumoniae		1		
Total:			20		80 %	

## Report Info

### PARTICIPANTS

Altogether 37 laboratories from 14 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.