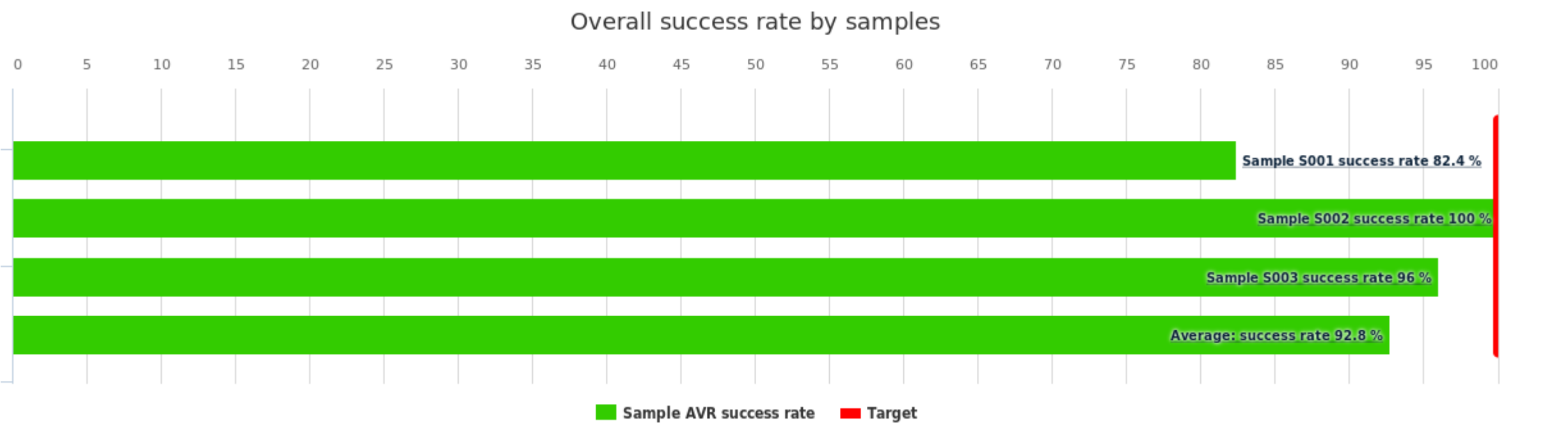


GLOBAL REPORT

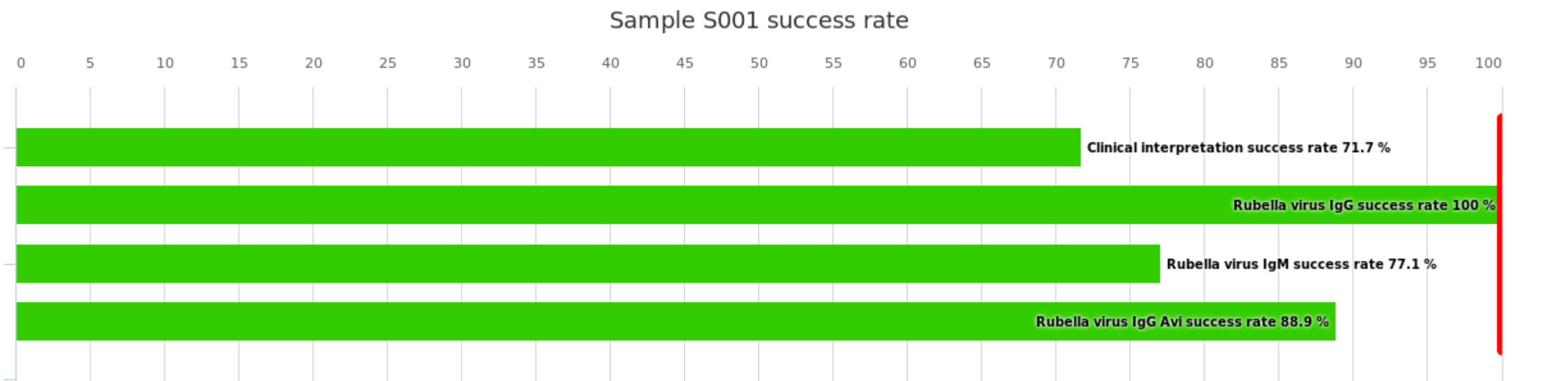
	No of participants	No of responded participants	Response percentage
Rubella virus, antibodies, January, 1-2025	71	70	98.6 %

Summary



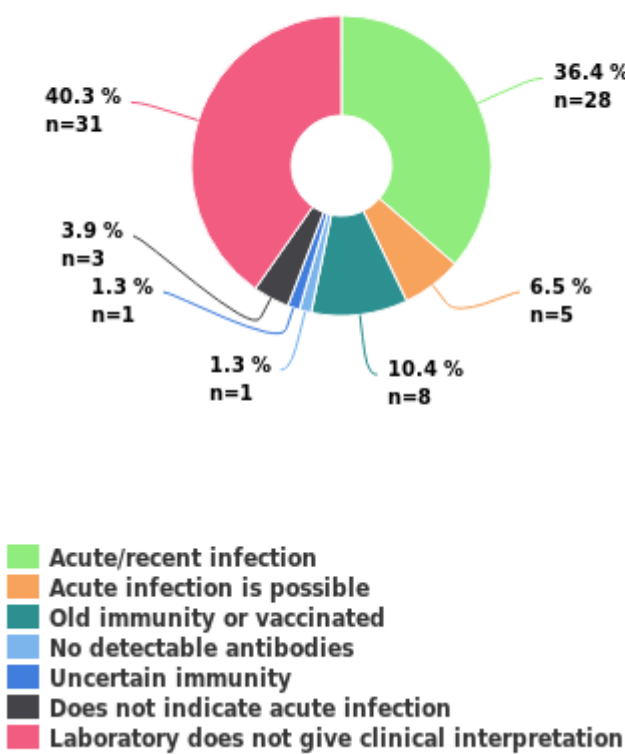
Summary	AVR success rate
Sample S001	82.4 %
Sample S002	100 %
Sample S003	96 %
Average:	92.8 %

Sample S001



Sample S001 results	Responded	AVR success rate	Count
	Clinical interpretation	71.7 %	77
	Rubella virus IgG	100 %	73
	Rubella virus IgM	77.1 %	70
	Rubella virus IgG Avi	88.9 %	9
	Total:	82.4 %	229

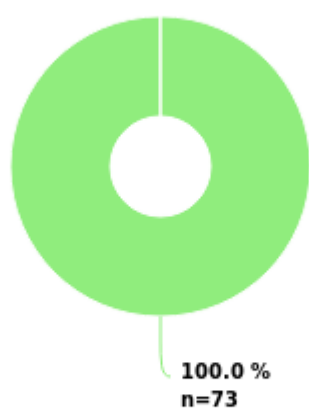
Sample S001 Clinical interpretation



Clinical interpretation	Interpretation	Further action	Interpretation count	Further action count	AVR success rate	Interpretation Score	Further action Score
	Acute/recent infection		28		100 %	4	
		New sample requested		5	-		-
		Referred to confirmation		5	-		-
		New sample requested and referred to confirmation		3	-		-
	Acute infection is possible		5		100 %	4	
		Referred to confirmation		4	-		-
	Old immunity or vaccinated		8		0 %	0	
	No detectable antibodies		1		0 %	0	
	Uncertain immunity		1		0 %	0	
		Referred to confirmation		1	-		-
	Does not indicate acute infection		3		0 %	0	
		Referred to confirmation		1	-		-
	Laboratory does not give clinical interpretation		31		-	-	
		Referred to confirmation		2	-		-

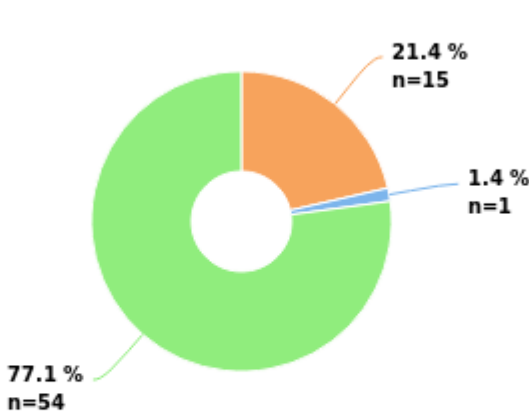
		New sample requested and referred to confirmation		1	-		-
	Total:		77		71.7 %		

Sample S001 Rubella virus IgG



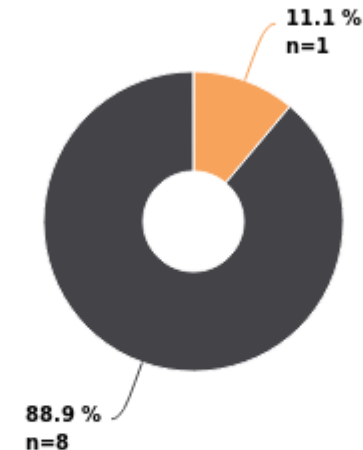
Positive

Sample S001 Rubella virus IgM



Negative Borderline Positive

Sample S001 Rubella virus IgG Avi



Borderline Strong avidity

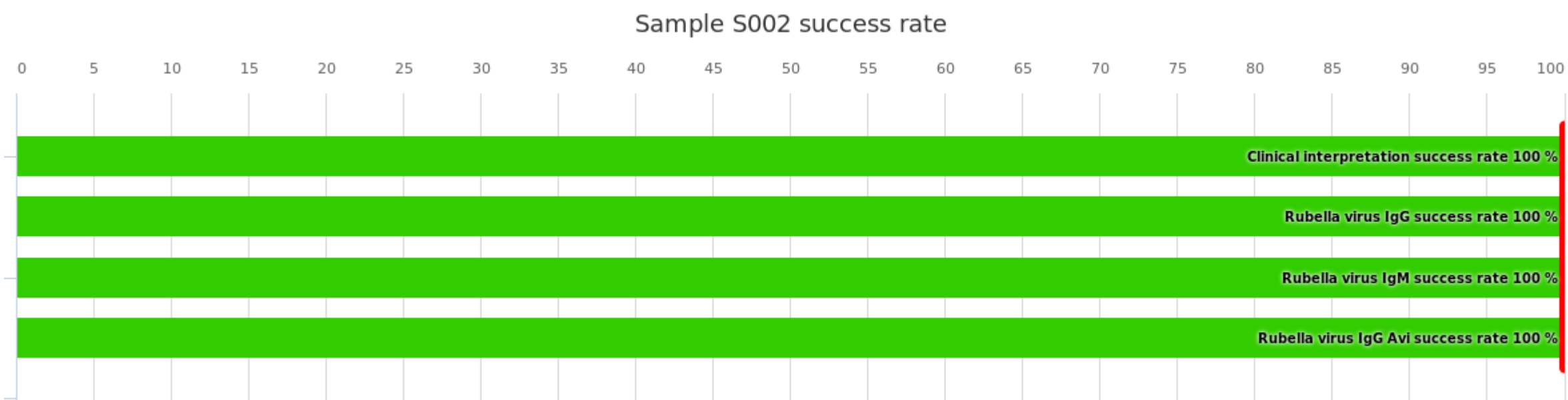
Rubella virus IgG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Positive		73		100 %	2
		Abbott Alinity Rubella IgG		9		
		Abbott Architect Rubella IgG		8		
		Bio-Rad Platelia Rubella IgG		3		
		bioMerieux VIDAS Rubella IgG		7		
		DiaSorin LIAISON Rubella IgG		13		
		DiaSorin LIAISON Rubella IgG II		3		
		Diesse Chorus Rubella IgG		1		
		Euroimmun Rubella IgG EIA		7		
		NovaTec Rubella IgG ELISA		1		
		Ortho Vitros Rubella IgG		1		
		Roche cobas/Elecsys Rubella IgG		14		
		Siemens ADVIA Centaur Rubella IgG		1		
		Siemens Atellica Rubella IgG		1		
		TestLine CLIA Rubella IgG		1		
		TestLine Rubella IgG EIA		1		
		Vircell Rubella Virclia IgG Monotest		1		
		Virion/Serion ELISA classic Rubella IgG		1		
	Total:		73		100 %	

Rubella virus IgM	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		15		0 %	0
		Ortho Vitros Rubella IgM		1		
		Roche cobas/Elecsys Rubella IgM		10		
		Siemens ADVIA Centaur Rubella IgM		1		
		Siemens Atellica Rubella IgM		1		
		TestLine CLIA Rubella IgM		1		
		Vircell Rubella Virclia IgM Monotest		1		
	Borderline		1		0 %	0
		Roche cobas/Elecsys Rubella IgM		1		
	Positive		54		100 %	2
		Abbott Alinity Rubella IgM		8		
		Abbott Architect Rubella IgM		6		
		Bio-Rad Platelia Rubella IgM		3		
		bioMerieux VIDAS Rubella IgM		8		
		DiaSorin LIAISON Rubella IgM		17		
		Diesse Chorus Rubella IgM		1		
		Euroimmun Rubella IgM EIA		7		
		NovaTec Rubella IgM ELISA		1		
		Roche cobas/Elecsys Rubella IgM		1		

		TestLine Rubella IgM EIA		1		
		Virion/Serion ELISA classic Rubella IgM		1		
	Total:		70		77.1 %	

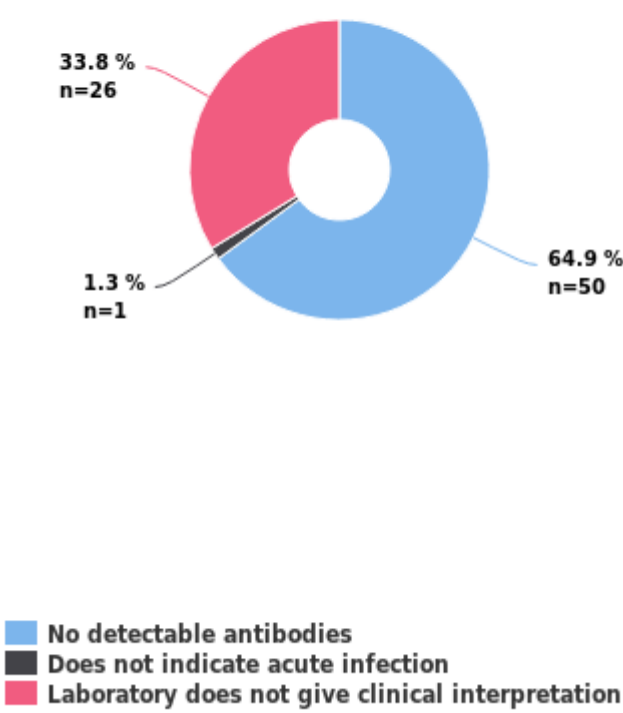
Rubella virus IgG Avi	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Borderline		1		0 %	0
		Euroimmun Rubella IgG Avi EIA		1		
	Strong avidity		8		100 %	2
		Diesse Chorus Rubella IgG Avi		1		
		Euroimmun Rubella IgG Avi EIA		4		
		IDS Rubella Avidity IgG		1		
		TestLine Rubella IgG EIA		1		
		Virion/Serion ELISA classic Rubella Avi		1		
	Total:		9		88.9 %	

Sample S002



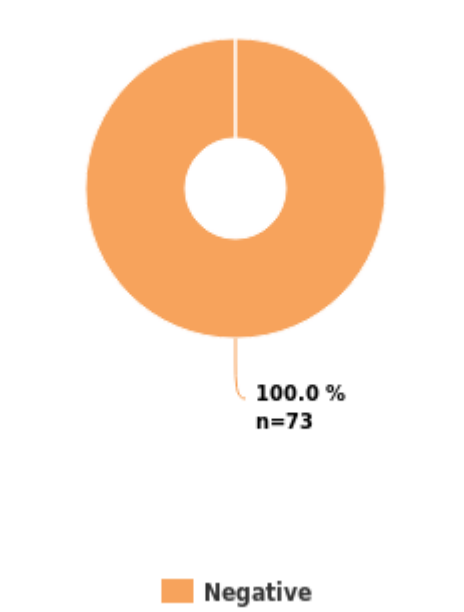
Sample S002 results	Responded	AVR success rate	Count
	Clinical interpretation	100 %	77
	Rubella virus IgG	100 %	73
	Rubella virus IgM	100 %	70
	Rubella virus IgG Avi	100 %	6
	Total:	100 %	226

Sample S002 Clinical interpretation

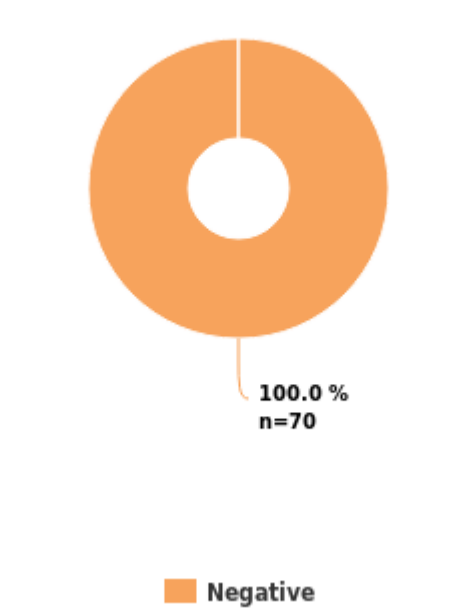


Clinical interpretation	Interpretation	Further action	Interpretation count	Further action count	AVR success rate	Interpretation Score	Further action Score
	No detectable antibodies		50		100 %	4	
	Does not indicate acute infection		1		100 %	4	
	Laboratory does not give clinical interpretation		26		-	-	
	Total:		77		100 %		

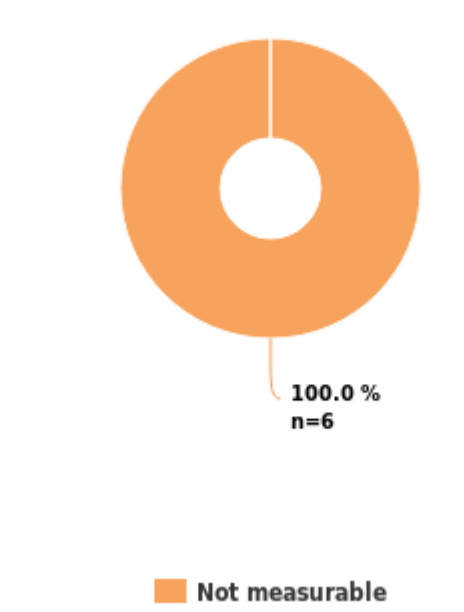
Sample S002 Rubella virus IgG



Sample S002 Rubella virus IgM



Sample S002 Rubella virus IgG Avi



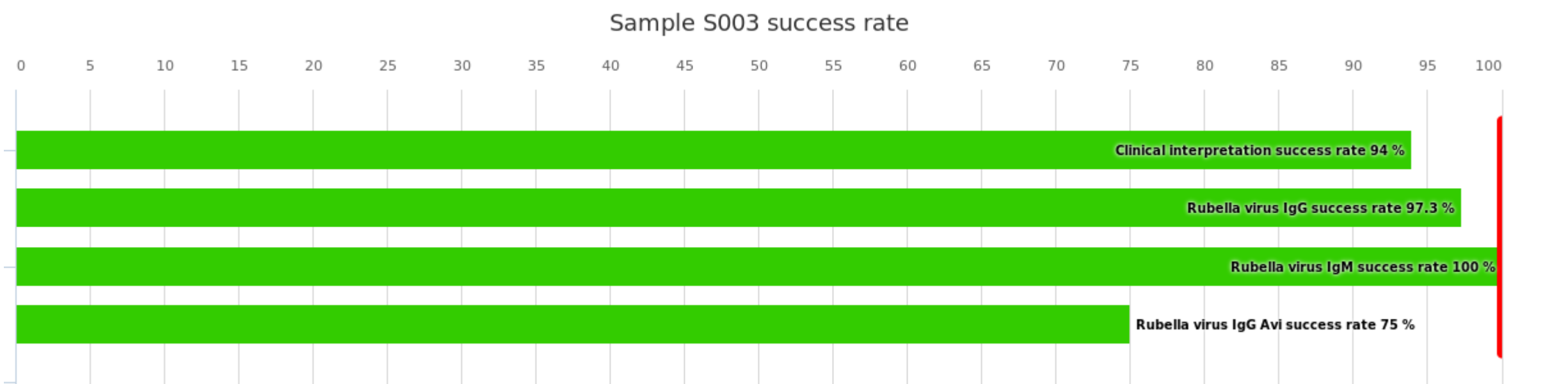
Rubella virus IgG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		73		100 %	2
		Abbott Alinity Rubella IgG		9		
		Abbott Architect Rubella IgG		8		
		Bio-Rad Platelia Rubella IgG		3		
		bioMerieux VIDAS Rubella IgG		7		
		DiaSorin LIAISON Rubella IgG		13		
		DiaSorin LIAISON Rubella IgG II		3		
		Diesse Chorus Rubella IgG		1		
		Euroimmun Rubella IgG EIA		7		
		NovaTec Rubella IgG ELISA		1		
		Ortho Vitros Rubella IgG		1		
		Roche cobas/Elecsys Rubella IgG		14		
		Siemens ADVIA Centaur Rubella IgG		1		
		Siemens Atellica Rubella IgG		1		
		TestLine CLIA Rubella IgG		1		
		TestLine Rubella IgG EIA		1		
		Vircell Rubella Virclia IgG Monotest		1		
		Virion/Serion ELISA classic Rubella IgG		1		
	Total:		73		100 %	

Rubella virus IgM	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		70		100 %	2
		Abbott Alinity Rubella IgM		8		
		Abbott Architect Rubella IgM		6		
		Bio-Rad Platelia Rubella IgM		3		
		bioMerieux VIDAS Rubella IgM		8		
		DiaSorin LIAISON Rubella IgM		17		
		Diesse Chorus Rubella IgM		1		
		Euroimmun Rubella IgM EIA		7		
		NovaTec Rubella IgM ELISA		1		
		Ortho Vitros Rubella IgM		1		
		Roche cobas/Elecsys Rubella IgM		12		
		Siemens ADVIA Centaur Rubella IgM		1		
		Siemens Atellica Rubella IgM		1		
		TestLine CLIA Rubella IgM		1		
		TestLine Rubella IgM EIA		1		
		Vircell Rubella Virclia IgM Monotest		1		
		Virion/Serion ELISA classic Rubella IgM		1		
	Total:		70		100 %	

Rubella virus IgG Avi	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Not measurable		6		100 %	2
		Diesse Chorus Rubella IgG Avi		1		
		Euroimmun Rubella IgG Avi EIA		3		

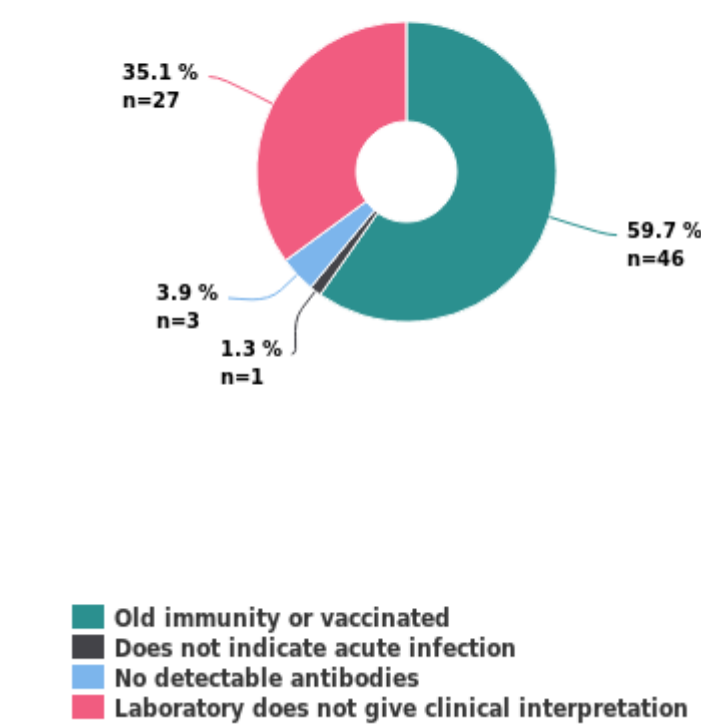
		TestLine Rubella IgG EIA		1		
		Virion/Serion ELISA classic Rubella Avi		1		
	Total:		6		100 %	

Sample S003



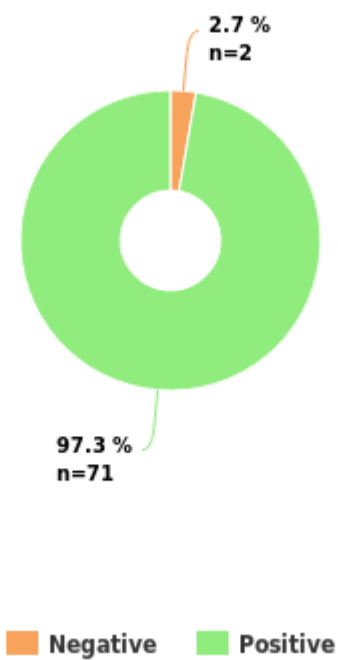
Sample S003 results	Responded	AVR success rate	Count
	Clinical interpretation	94 %	77
	Rubella virus IgG	97.3 %	73
	Rubella virus IgM	100 %	70
	Rubella virus IgG Avi	75 %	8
	Total:	96 %	228

Sample S003 Clinical interpretation

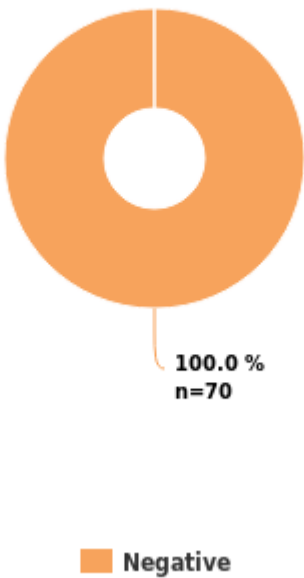


Clinical interpretation	Interpretation	Further action	Interpretation count	Further action count	AVR success rate	Interpretation Score	Further action Score
	Old immunity or vaccinated		46		100 %	4	
	Does not indicate acute infection		1		100 %	4	
	No detectable antibodies		3		0 %	0	
	Laboratory does not give clinical interpretation		27		-	-	
	Total:		77		94 %		

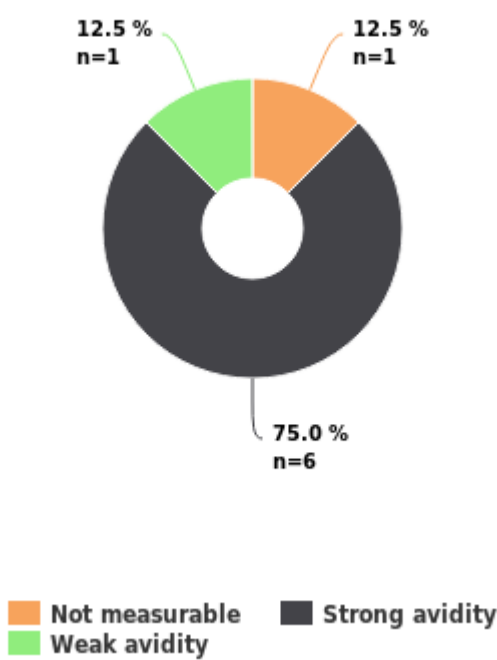
Sample S003 Rubella virus IgG



Sample S003 Rubella virus IgM



Sample S003 Rubella virus IgG Avi



Rubella virus IgG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		2		0 %	0
		Euroimmun Rubella IgG EIA		1		
		Siemens ADVIA Centaur Rubella IgG		1		
	Positive		71		100 %	2
		Abbott Alinity Rubella IgG		9		
		Abbott Architect Rubella IgG		8		
		Bio-Rad Platelia Rubella IgG		3		
		bioMerieux VIDAS Rubella IgG		7		
		DiaSorin LIAISON Rubella IgG		13		
		DiaSorin LIAISON Rubella IgG II		3		
		Diesse Chorus Rubella IgG		1		
		Euroimmun Rubella IgG EIA		6		
		NovaTec Rubella IgG ELISA		1		
		Ortho Vitros Rubella IgG		1		
		Roche cobas/Elecsys Rubella IgG		14		
		Siemens Atellica Rubella IgG		1		
		TestLine CLIA Rubella IgG		1		
		TestLine Rubella IgG EIA		1		
		Vircell Rubella Virclia IgG Monotest		1		
		Virion/Serion ELISA classic Rubella IgG		1		
	Total:		73		97.3 %	

Rubella virus IgM	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		70		100 %	2
		Abbott Alinity Rubella IgM		8		
		Abbott Architect Rubella IgM		6		
		Bio-Rad Platelia Rubella IgM		3		
		bioMerieux VIDAS Rubella IgM		8		
		DiaSorin LIAISON Rubella IgM		17		
		Diesse Chorus Rubella IgM		1		
		Euroimmun Rubella IgM EIA		7		
		NovaTec Rubella IgM ELISA		1		
		Ortho Vitros Rubella IgM		1		
		Roche cobas/Elecsys Rubella IgM		12		
		Siemens ADVIA Centaur Rubella IgM		1		
		Siemens Atellica Rubella IgM		1		
		TestLine CLIA Rubella IgM		1		
		TestLine Rubella IgM EIA		1		
		Vircell Rubella Virclia IgM Monotest		1		
		Virion/Serion ELISA classic Rubella IgM		1		
	Total:		70		100 %	

Rubella virus IgG Avi	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Not measurable		1		0 %	0

		Euroimmun Rubella IgG Avi EIA		1		
	Strong avidity		6		100 %	2
		Diesse Chorus Rubella IgG Avi		1		
		Euroimmun Rubella IgG Avi EIA		2		
		IDS Rubella Avidity IgG		1		
		TestLine Rubella IgG EIA		1		
		Virion/Serion ELISA classic Rubella Avi		1		
	Weak avidity		1		0 %	0
		Euroimmun Rubella IgG Avi EIA		1		
	Total:		8		75 %	

Report Info

PARTICIPANTS

Altogether 71 laboratories from 19 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.