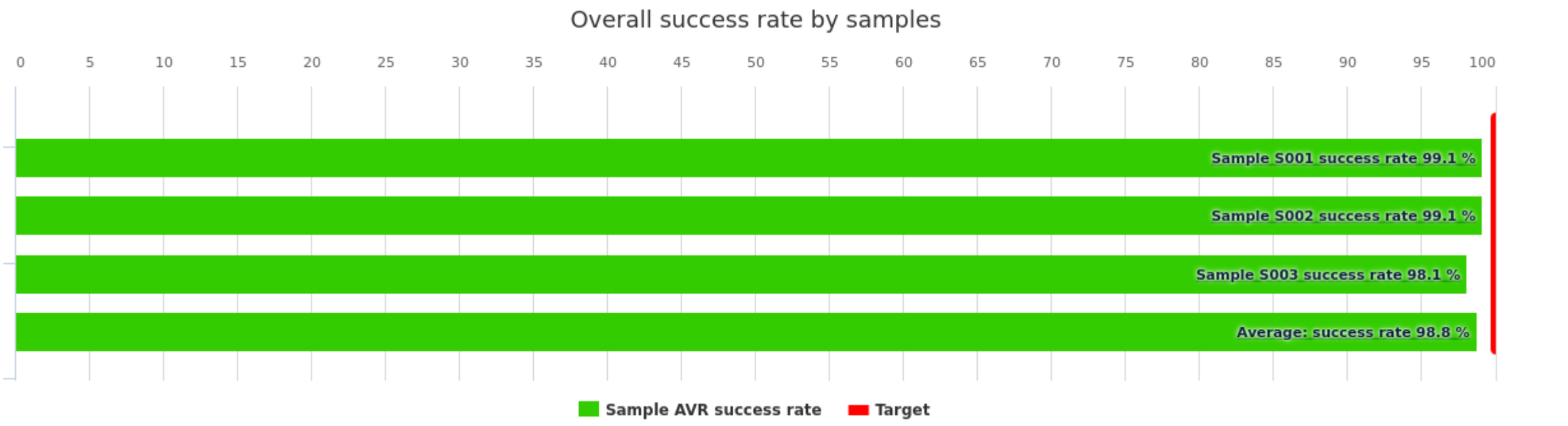
Rubella virus, antibodies, January, 1-2026

GLOBAL REPORT

	No of participants	No of responded participants	Response percentage
Rubella virus, antibodies, January, 1-2026	66	65	98.5 %

Summary



Summary	AVR success rate
Sample S001	99.1 %
Sample S002	99.1 %
Sample S003	98.1 %
Average:	98.8 %

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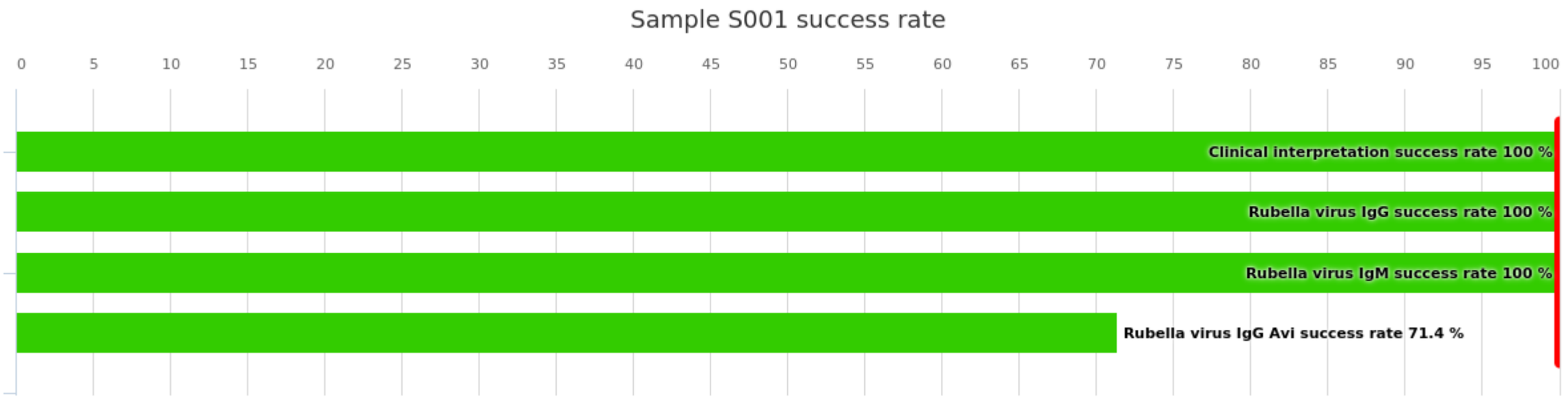
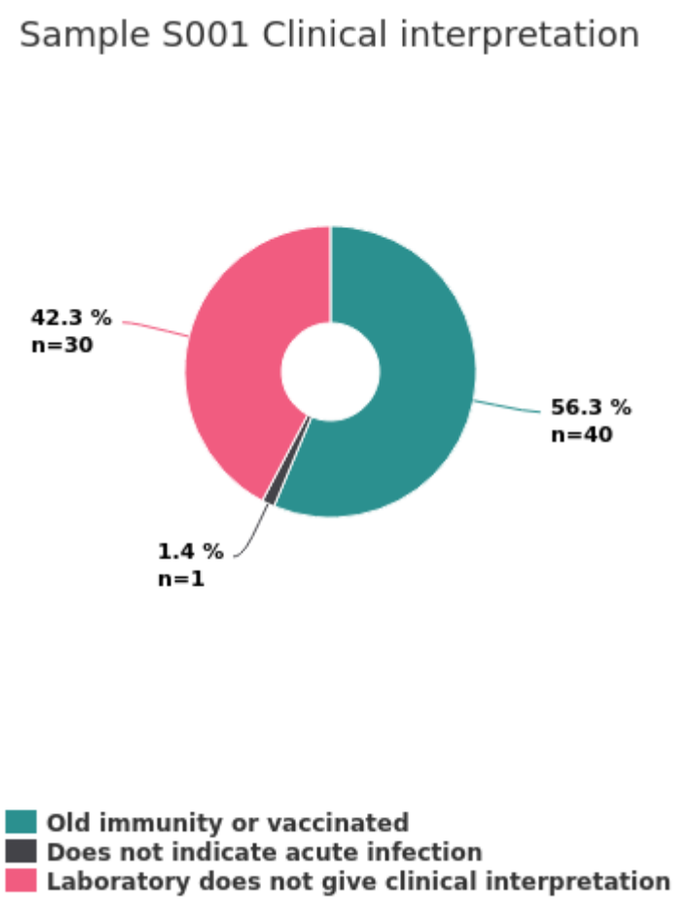
Sample S001



Sample S001 results	Responded	AVR success rate	Count
	Clinical interpretation	100 %	71
	Rubella virus IgG	100 %	69
	Rubella virus IgM	100 %	61
	Rubella virus IgG Avi	71.4 %	7
Total:		99.1 %	208



Clinical interpretation	Interpretation	Further action	Interpretation count	Further action count	AVR success rate	Interpretation Score	Further action Score
	Old immunity or vaccinated		40		100 %	4	
	Does not indicate acute infection		1		100 %	4	
	Laboratory does not give clinical interpretation		30		-	-	
		New sample requested and referred to confirmation		1	-		-
	Total:		71		100 %		

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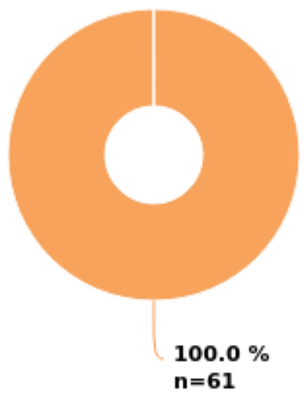
Rubella virus, antibodies, January, 1-2026

Sample S001 Rubella virus IgG

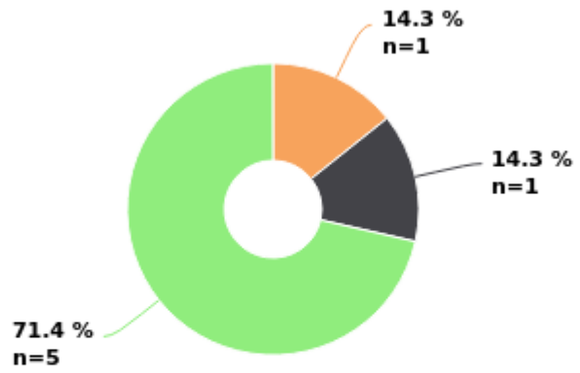
Positive

Sample S001 Rubella virus IgM



Negative

Sample S001 Rubella virus IgG Avi



Borderline
Not measurable
Strong avidity

Rubella virus IgG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Positive		69		100 %	2
		Abbott Alinity Rubella IgG		14		
		Abbott Architect Rubella IgG		8		
		Bio-Rad Platelia Rubella IgG		3		
		bioMerieux VIDAS Rubella IgG		4		
		DiaSorin LIAISON Rubella IgG		13		
		DiaSorin LIAISON Rubella IgG II		3		
		Diesse Chorus Rubella IgG		1		
		Euroimmun Anti-Rubella Virus ELISA 2.0 (IgG)		1		
		Euroimmun Rubella IgG EIA		3		
		Roche cobas/Elecsys Rubella IgG		15		
		Siemens Atellica Rubella IgG		1		
		TestLine CLIA Rubella IgG		1		
		TestLine Rubella IgG EIA		1		
		Virion/Serion ELISA classic Rubella IgG		1		
	Total:		69		100 %	

Rubella virus IgM	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		61		100 %	2
		Abbott Alinity Rubella IgM		10		
		Abbott Architect Rubella IgM		7		
		Bio-Rad Platelia Rubella IgM		3		
		bioMerieux VIDAS Rubella IgM		3		
		DiaSorin LIAISON Rubella IgM		18		
		Diesse Chorus Rubella IgM		1		
		Euroimmun Rubella IgM EIA		4		
		Roche cobas/Elecsys Rubella IgM		10		
		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:		61		100 %	

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		
	Not measurable		1		0 %	0
		Diesse Chorus Rubella IgG Avi		1		
	Strong avidity		5		100 %	2
		EQUI Rubella virus IgG avidity		1		
		Euroimmun Rubella IgG Avi EIA		1		
		IDS Rubella Avidity IgG		1		
		TestLine Rubella IgG EIA		1		

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		Virion/Serion ELISA classic Rubella Avi		1		
	Total:		7		71.4 %	

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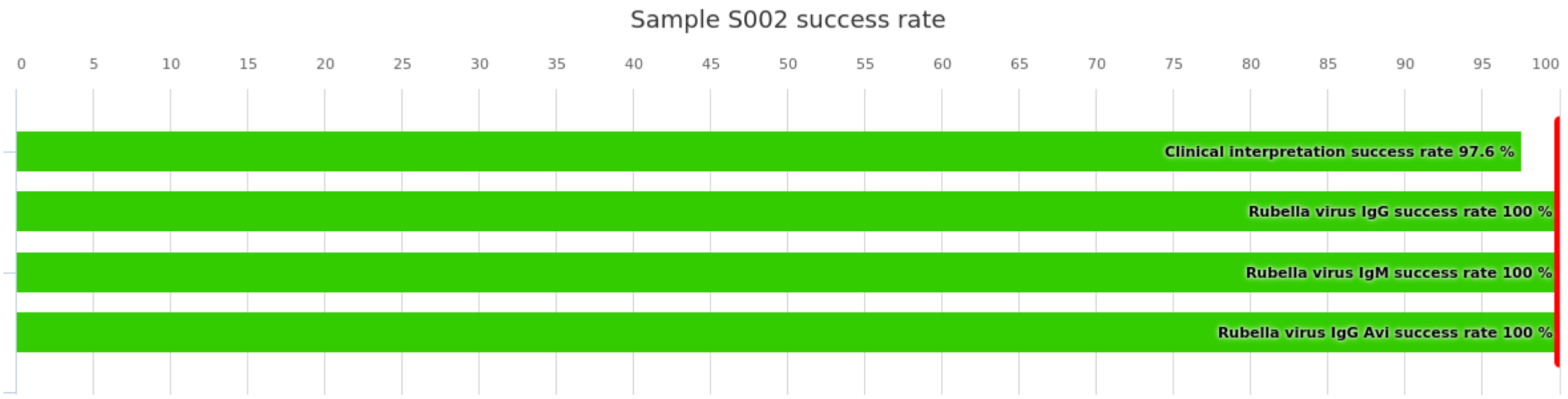
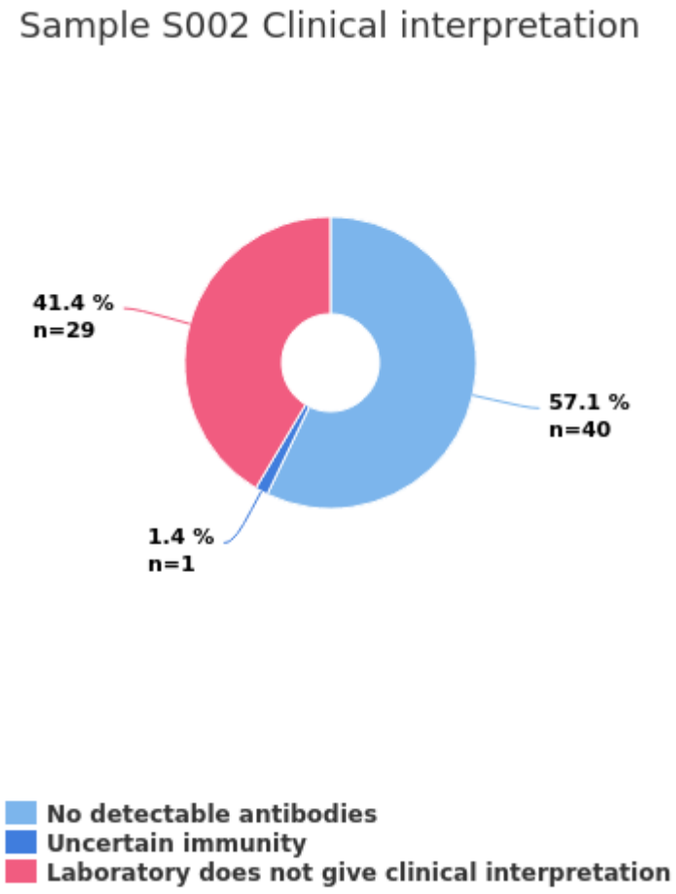
Sample S002



Sample S002 results	Responded	AVR success rate	Count
	Clinical interpretation	97.6 %	70
	Rubella virus IgG	100 %	68
	Rubella virus IgM	100 %	60
	Rubella virus IgG Avi	100 %	6
Total:		99.1 %	204



Clinical interpretation	Interpretation	Further action	Interpretation count	Further action count	AVR success rate	Interpretation Score	Further action Score
	No detectable antibodies		40		100 %	4	
		New sample requested		1	-		-
	Uncertain immunity		1		0 %	0	
	Laboratory does not give clinical interpretation		29		-	-	
		Referred to confirmation		1	-		-
	Total:		70		97.6 %		

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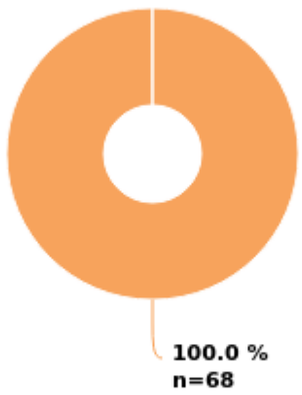
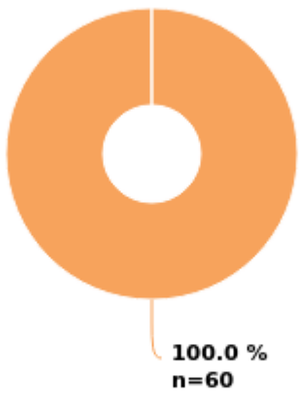
Rubella virus, antibodies, January, 1-2026

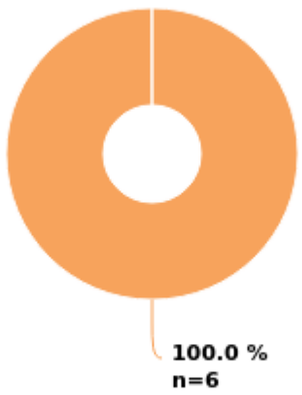
Sample S002 Rubella virus IgG



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		68		100 %	2
		Abbott Alinity Rubella IgG		14		
		Abbott Architect Rubella IgG		8		
		Bio-Rad Platelia Rubella IgG		3		
		bioMerieux VIDAS Rubella IgG		4		
		DiaSorin LIAISON Rubella IgG		12		
		DiaSorin LIAISON Rubella IgG II		3		
		Diesse Chorus Rubella IgG		1		
		Euroimmun Anti-Rubella Virus ELISA 2.0 (IgG)		1		
		Euroimmun Rubella IgG EIA		3		
		Roche cobas/Elecsys Rubella IgG		15		
		Siemens Atellica Rubella IgG		1		
		TestLine CLIA Rubella IgG		1		
		TestLine Rubella IgG EIA		1		
		Virion/Serion ELISA classic Rubella IgG		1		
	Total:		68		100 %	

Rubella virus IgM	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		60		100 %	2
		Abbott Alinity Rubella IgM		10		
		Abbott Architect Rubella IgM		7		
		Bio-Rad Platelia Rubella IgM		3		
		bioMerieux VIDAS Rubella IgM		3		
		DiaSorin LIAISON Rubella IgM		17		
		Diesse Chorus Rubella IgM		1		
		Euroimmun Rubella IgM EIA		4		
		Roche cobas/Elecsys Rubella IgM		10		
		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:		60		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		
		EQUI Rubella virus IgG avidity		1		
		Euroimmun Rubella IgG Avi EIA		2		
		TestLine Rubella IgG EIA		1		
		Virion/Serion ELISA classic Rubella Avi		1		
	Total:		6		100 %	

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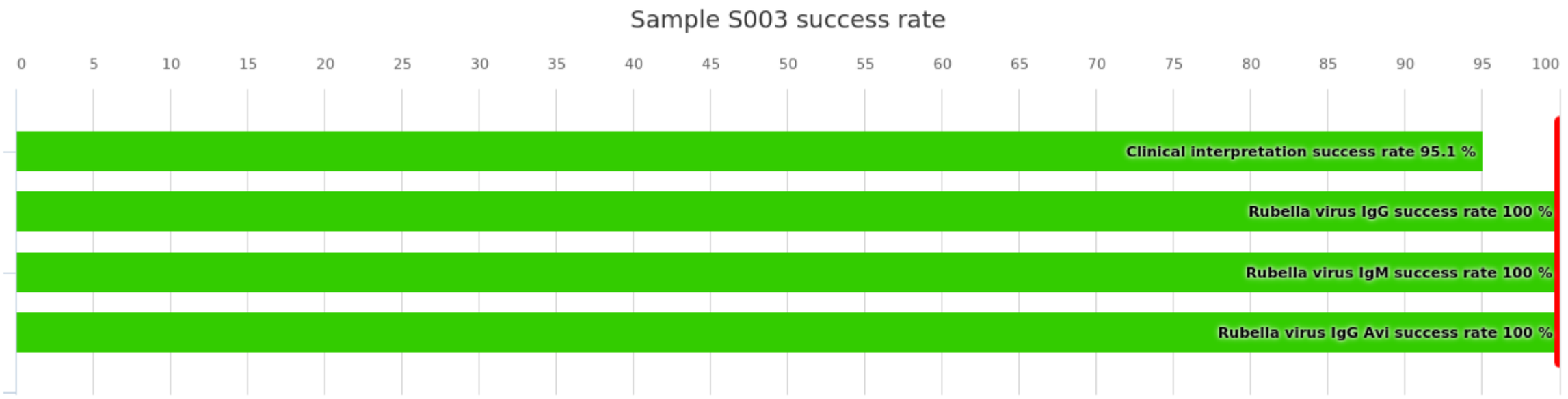
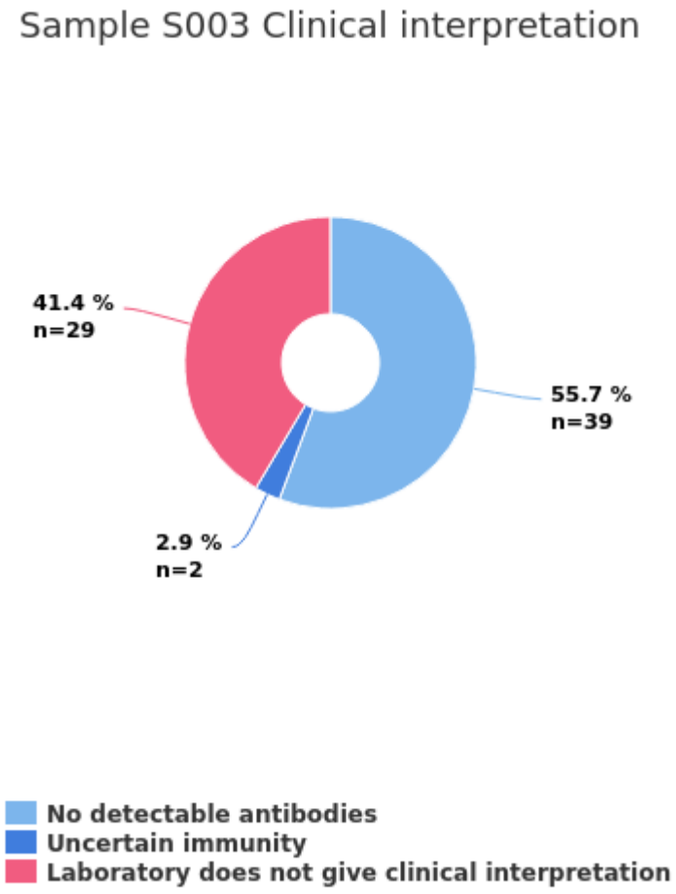
Sample S003



Sample S003 results	Responded	AVR success rate	Count
	Clinical interpretation	95.1 %	70
	Rubella virus IgG	100 %	68
	Rubella virus IgM	100 %	60
	Rubella virus IgG Avi	100 %	6
Total:		98.1 %	204



Clinical interpretation	Interpretation	Further action	Interpretation count	Further action count	AVR success rate	Interpretation Score	Further action Score
	No detectable antibodies		39		100 %	4	
	Uncertain immunity		2		0 %	0	
		New sample requested		1	-		-
	Laboratory does not give clinical interpretation		29		-	-	
		Referred to confirmation		1	-		-
	Total:		70		95.1 %		

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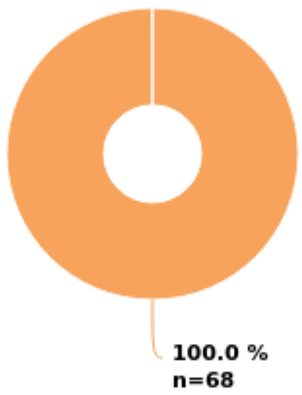
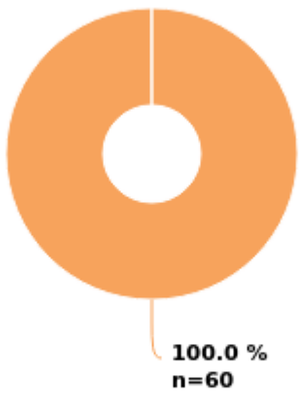
Rubella virus, antibodies, January, 1-2026

Sample S003 Rubella virus IgG



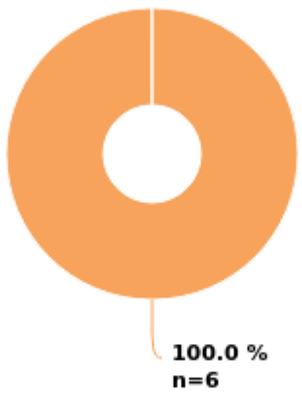
Negative

Sample S003 Rubella virus IgM



Negative

Sample S003 Rubella virus IgG Avi



Not measurable

Rubella virus IgG	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		68		100 %	2
		Abbott Alinity Rubella IgG		14		
		Abbott Architect Rubella IgG		8		
		Bio-Rad Platelia Rubella IgG		3		
		bioMerieux VIDAS Rubella IgG		4		
		DiaSorin LIAISON Rubella IgG		12		
		DiaSorin LIAISON Rubella IgG II		3		
		Diesse Chorus Rubella IgG		1		
		Euroimmun Anti-Rubella Virus ELISA 2.0 (IgG)		1		
		Euroimmun Rubella IgG EIA		3		
		Roche cobas/Elecsys Rubella IgG		15		
		Siemens Atellica Rubella IgG		1		
		TestLine CLIA Rubella IgG		1		
		TestLine Rubella IgG EIA		1		
		Virion/Serion ELISA classic Rubella IgG		1		
	Total:		68		100 %	

Rubella virus IgM	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		60		100 %	2
		Abbott Alinity Rubella IgM		10		
		Abbott Architect Rubella IgM		7		
		Bio-Rad Platelia Rubella IgM		3		
		bioMerieux VIDAS Rubella IgM		3		
		DiaSorin LIAISON Rubella IgM		17		
		Diesse Chorus Rubella IgM		1		
		Euroimmun Rubella IgM EIA		4		
		Roche cobas/Elecsys Rubella IgM		10		
		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:		60		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		
		EQUI Rubella virus IgG avidity		1		
		Euroimmun Rubella IgG Avi EIA		2		
		TestLine Rubella IgG EIA		1		
		Virion/Serion ELISA classic Rubella Avi		1		
	Total:		6		100 %	

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Report Info

PARTICIPANTS

Altogether 66 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 ◉

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.

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