

External Quality Assessment Scheme

Rotavirus and adenovirus, antigen detection Round 1, 2023

Specimens

Please find enclosed 3 artificial faecal samples S001, S002 and S003, each 1 mL.

Caution

Quality control specimens must be handled with the same care as patient samples, i.e. as potential transmitters of serious diseases. According to the sample manufacturer the specimens do not contain viable microbes and the specimens are found to be HBsAg, HCVAb and HIVAb negative when tested with licensed reagents. However, no known test method can offer complete assurance that the specimens will not transmit these or other infectious diseases.

Examinations

Adenovirus, antigen detection
Rotavirus, antigen detection

Storage and use

After arrival, the samples should be stored at +2...8 °C, and analysed as soon as possible, preferably within a week. The samples are ready for use and should be analysed as patient samples. Perform the analysis according to the manufacturer's instructions for a liquid specimen.

Result reporting

Please enter the results and methods via LabScala (www.labscala.com). If you cannot find your method from the registry, please contact the EQA Coordinator. Report only the results of analytes that are in use in your laboratory. All reported examinations will be scored.

S001



S002



S003



2023-03-14

INSTRUCTIONS

Product no. 5098
LQ774223011-013/US

Subcontracting: Sample pretesting

If the kit is incomplete or contains damaged specimens, please report immediately to info@labquality.fi.

The results should be reported no later than **April 6, 2023**.

The expected results of the round are published in LabScala in the View Reports section by April 11, 2023.

Inquiries

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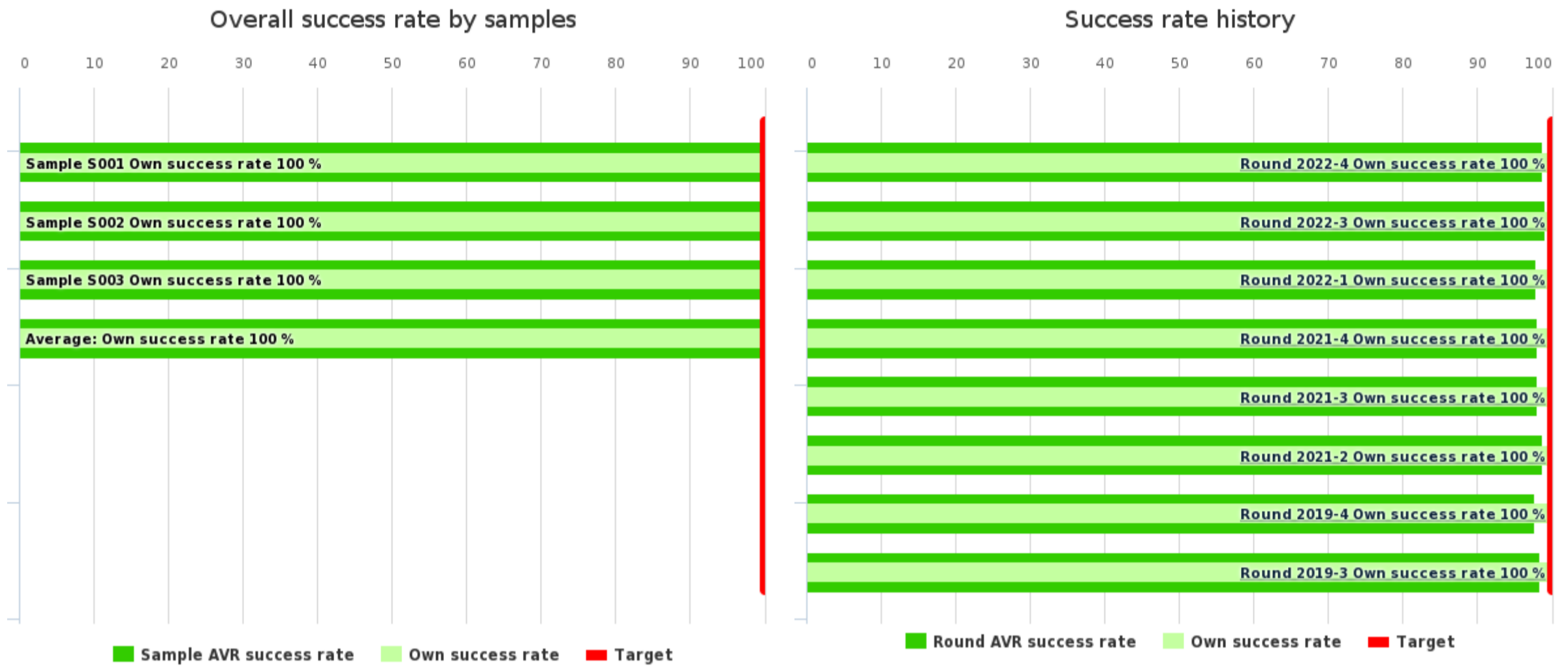

Finnish Accreditation Service
PT02 (EN ISO/IEC 17043)



Client report

	No of participants	No of responded participants	Response percentage
Rotavirus and adenovirus, antigen detection, March, 1-2023	409	400	97.8 %

Summary

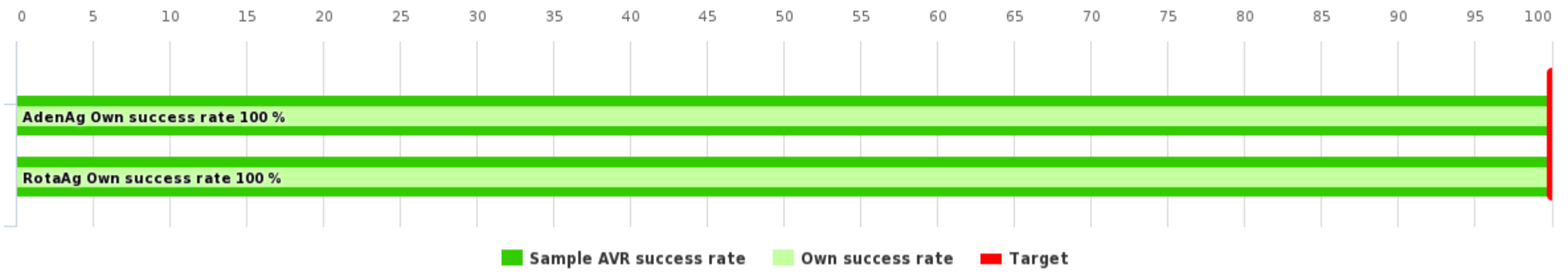


Summary	Own score	Max score	Own success rate	Difference	AVR success rate
Sample S001	4	4	100 %	0.1 %	99.9 %
Sample S002	4	4	100 %	0.5 %	99.5 %
Sample S003	2	2	100 %	0.5 %	99.5 %
Average:			100 %	0.4 %	99.6 %

History	Test nr.	Own success rate	Difference	AVR success rate
Round 2022-4	1-1	100 %	1.2 %	98.8 %
Round 2022-3	1-1	100 %	0.8 %	99.2 %
Round 2022-1	1-1	100 %	2.1 %	97.9 %
Round 2021-4	1-1	100 %	2 %	98 %
Round 2021-3	1-1	100 %	2 %	98 %
Round 2021-2	1-1	100 %	1.3 %	98.7 %
Round 2019-4	1-1	100 %	2.2 %	97.8 %
Round 2019-3	1-1	100 %	1.5 %	98.5 %

Sample S001

Sample S001 success rate



Sample S001 results	Responded	Own score	Max score	Own success rate	Difference	AVR success rate	Count
	AdenAg	2	2	100 %	0.3 %	99.7 %	398
	RotaAg	2	2	100 %	0 %	100 %	406
Total:		4	4	100 %	0.1 %	99.9 %	804

Sample S001 AdenAg



■ Negative ■ Positive

Sample S001 RotaAg



■ Negative

AdenAg	Interpretation	Method	Interpretation count	Method count	Own score	Max score	Own success rate	Difference	AVR success rate
	<input checked="" type="radio"/> Negative		397		2	2	100 %	0 %	100 %
		Abbott SD Bioline Rota/Adeno Ag Rapid Kit		12					
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		14					
		Ameritek USA One Step Rota-Adeno Combo		2					
		Apacor Rapydtest Rota/Adeno Ag		2					
		ArcDia mariPOC Gastro		1					
		Biokit Biorapid Rota/Adeno		1					
		Biomaxima Rota/Adenovirus Ag		7					
		bioMerieux bioNexia Rota-Adeno		1					
		Biosynex Adeno/Rota Combo		11					
		Biosynex Adenovirus/Rotavirus BSS		33					
		Biosynex IMMUNOQUICK NoRotAdeno		18					
		CerTest Biotec Adenovirus one step card test		3					
		CerTest Biotec Rota-Adeno-Astro-Noro one step combo card test		2					
	<input checked="" type="radio"/> CerTest Biotec Rotavirus + Adenovirus one step combo card test			31					
		CerTest Biotec Rotavirus+ Adenovirus+ Norovirus one step combo card test		2					
		CerTest CLIA Adenovirus Ag		1					
		Coris BioConcept Combi K-SeT		5					
		Coris BioConcept Combi-Strip		5					

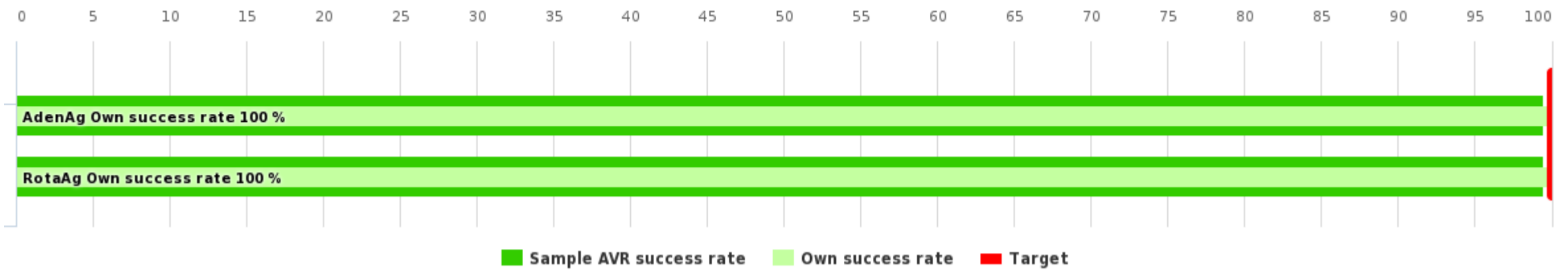
		Coris BioConcept Rota&Adeno 40/41 GastroVir-Strip		1					
		CTK Biotech OnSite Rota/Adeno Ag Rapid Test		10					
		Diasorin CLIA Liaison Adenovirus		6					
		Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette		4					
		Hydrex Rota-Adeno Test		3					
		In-house Adenovirus		1					
		Mascia Brunelli Adeno+Rota Card Plus		2					
		Meridian ImmunoCardSTAT! Rota-Adeno-Noro2		16					
		Meridian Rapid Strip Rota/Adenovirus		2					
		Monlab Rotavirus-Adenovirus MonlabTest		3					
		nal von minden dedicio Rota-Adenovirus Test		1					
		nal von minden NADAL Rota-Adenovirus		25					
		Novamed Rota/Adeno Combistick One Step Assay		7					
		Operon Simple Rota-Adeno		4					
		Pro-Lab Proflow Rota-Adeno Combi		2					
		R-Biopharm RidaQuick Rota/Adeno/Noro Combi		45					
		R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		64					
		R-Biopharm Ridascreen Adenovirus		2					
		SD Biosensor STANDARD F Rota/Adeno Ag FIA		11					
		Servibio Adeno-Rota-Noro 1/2 Color		6					
		Servibio ParaSign Adeno-Rota Color		22					
		Servibio ParaSign Adeno-Rota-Astrovirus Color		3					
		Vedalab Adeno-Check-1		1					
		Vitassay Adenovirus Single Card		1					
		Vitassay Rotavirus + Adenovirus + Norovirus		3					
		Vitassay Rotavirus + Adenovirus Double Card		1					
	Positive			1		-			0 %
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		1					
	Total:			398		2	2	100 %	0.3 % 99.7 %

RotaAg	Interpretation	Method	Interpretation count	Method count	Own score	Max score	Own success rate	Difference	AVR success rate
	<input checked="" type="radio"/> Negative		406		2	2	100 %	0 %	100 %
		Abbott SD Bioline Rota/Adeno Ag Rapid Kit		13					
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		16					
		Ameritek USA One Step Rota-Adeno Combo		2					
		Apacor Rapydtest Rota/Adeno Ag		2					
		ArcDia mariPOC Gastro		1					
		AxisBio Diagnostics Biocard Rotastick		1					
		Biokit Biorapid Rota/Adeno		1					
		Biomaxima Rota/Adenovirus Ag		7					
		bioMerieux bioNexia Rota-Adeno		1					
		Biosynex Adeno/Rota Combo		11					
		Biosynex Adenovirus/Rotavirus BSS		33					
		Biosynex IMMUNOQUICK Adenovirus-Rotavirus		1					
		Biosynex IMMUNOQUICK NoRotAdeno		17					
		CerTest Biotec Rota-Adeno-Astro-Noro one step combo card test		2					
		<input checked="" type="radio"/> CerTest Biotec Rotavirus + Adenovirus one step combo card test		31					
		CerTest Biotec Rotavirus one step card test		3					

	CerTest Biotec Rotavirus+ Adenovirus+ Norovirus one step combo card test	2						
	Coris BioConcept Combi K-SeT	5						
	Coris BioConcept Combi-Strip	5						
	Coris BioConcept Rota&Adeno 40/41 GastroVir-Strip	1						
	Coris BioConcept Rota-Strip	2						
	CTK Biotech OnSite Rota/Adeno Ag Rapid Test	10						
	Diasorin CLIA Liaison Rotavirus	5						
	Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette	4						
	Hydrex Rota-Adeno Test	3						
	Mascia Brunelli Adeno+Rota Card Plus	2						
	Meridian Immunocard STAT Rotavirus	2						
	Meridian ImmunoCardSTAT! Rota-Adeno-Noro2	16						
	Meridian Premier Rotaclone	1						
	Meridian Rapid Strip Rota/Adenovirus	2						
	Monlab Rotavirus-Adenovirus MonlabTest	3						
	nal von minden dedicio Rota-Adenovirus Test	1						
	nal von minden NADAL Rota-Adenovirus	24						
	Novamed Rota/Adeno Combistick One Step Assay	8						
	Novamed RotaStick One Step Assay	1						
	Operon Simple Rota-Adeno	4						
	Pro-Lab Proflow Rota-Adeno Combi	2						
	Pro-Lab Proflow Rotavirus	1						
	R-Biopharm RidaQuick Rota/Adeno/Noro Combi	46						
	R-Biopharm RidaQuick Rotavirus	1						
	R-Biopharm RidaQuick Rotavirus/Adenovirus Combi	63						
	R-Biopharm Ridascreen Rotavirus	2						
	SD Biosensor STANDARD F Rota/Adeno Ag FIA	11						
	Servibio Adeno-Rota-Noro 1/2 Color	6						
	Servibio ParaSign Adeno-Rota Color	23						
	Servibio ParaSign Adeno-Rota-Astrovirus Color	2						
	Vedalab Rota-Check-1	1						
	Vitassay Rotavirus + Adenovirus + Norovirus	3						
	Vitassay Rotavirus + Adenovirus Double Card	1						
	Vitassay Rotavirus Single Card	1						
Total:		406	2	2	100 %	0 %	100 %	

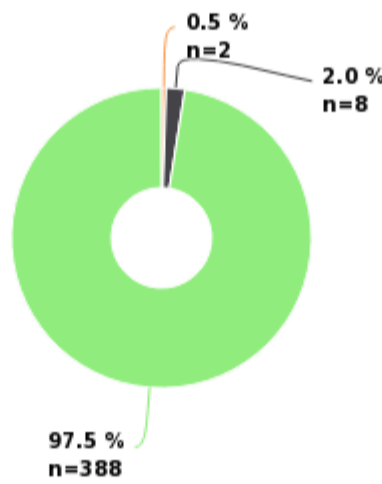
Sample S002

Sample S002 success rate



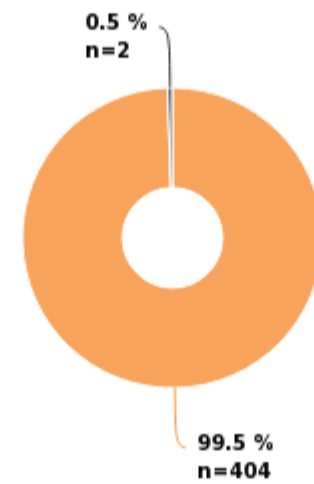
Sample S002 results	Responded	Own score	Max score	Own success rate	Difference	AVR success rate	Count
	AdenAg	2	2	100 %	0.5 %	99.5 %	398
	RotaAg	2	2	100 %	0.5 %	99.5 %	406
	Total:	4	4	100 %	0.5 %	99.5 %	804

Sample S002 AdenAg



■ Negative ■ Weak positive ■ Positive

Sample S002 RotaAg



■ Negative ■ Positive

AdenAg	Interpretation	Method	Interpretation count	Method count	Own score	Max score	Own success rate	Difference	AVR success rate
	Negative		2		-				0 %
		CerTest Biotec Rotavirus + Adenovirus one step combo card test		1					
		Meridian Rapid Strip Rota/Adenovirus		1					
	Weak positive		8		-				100 %
		Abbott SD Biline Rota/Adeno Ag Rapid Kit		1					
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		1					
		Biosynex Adenovirus/Rotavirus BSS		1					
		Coris BioConcept Combi K-SeT		2					
		Coris BioConcept Combi-Strip		2					
		Coris BioConcept Rota&Adeno 40/41 GastroVir-Strip		1					
	<input checked="" type="radio"/> Positive		388		2	2	100 %	0 %	100 %
		Abbott SD Biline Rota/Adeno Ag Rapid Kit		11					
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		14					
		Ameritek USA One Step Rota-Adeno Combo		2					
		Apacor Rapydtest Rota/Adeno Ag		2					
		ArcDia mariPOC Gastro		1					
		Biokit Biorapid Rota/Adeno		1					
		Biomaxima Rota/Adenovirus Ag		7					
		bioMerieux bioNexia Rota-Adeno		1					
		Biosynex Adeno/Rota Combo		11					

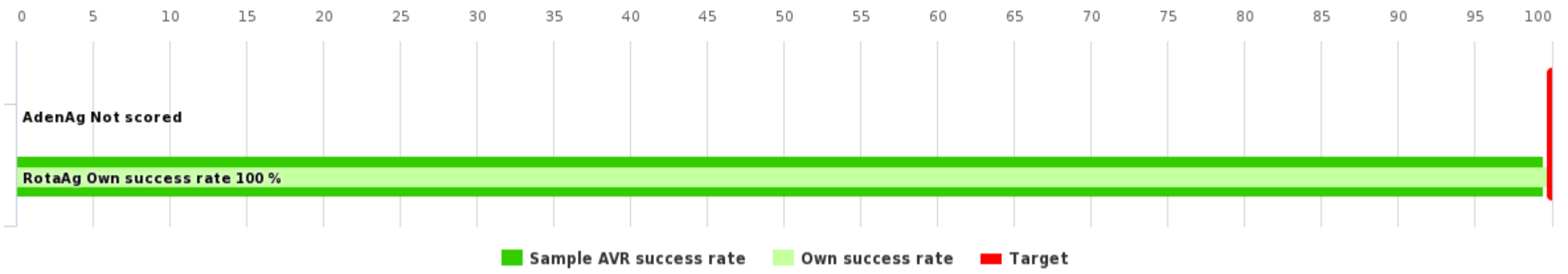
	Biosynex Adenovirus/Rotavirus BSS	32						
	Biosynex IMMUNOQUICK NoRotAdeno	18						
	CerTest Biotec Adenovirus one step card test	3						
	CerTest Biotec Rota-Adeno-Astro-Noro one step combo card test	2						
	<input checked="" type="radio"/> CerTest Biotec Rotavirus + Adenovirus one step combo card test	30						
	CerTest Biotec Rotavirus+ Adenovirus+ Norovirus one step combo card test	2						
	CerTest CLIA Adenovirus Ag	1						
	Coris BioConcept Combi K-SeT	3						
	Coris BioConcept Combi-Strip	3						
	CTK Biotech OnSite Rota/Adeno Ag Rapid Test	10						
	Diasorin CLIA Liaison Adenovirus	6						
	Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette	4						
	Hydrex Rota-Adeno Test	3						
	In-house Adenovirus	1						
	Mascia Brunelli Adeno+Rota Card Plus	2						
	Meridian ImmunoCardSTAT! Rota-Adeno-Noro2	16						
	Meridian Rapid Strip Rota/Adenovirus	1						
	Monlab Rotavirus-Adenovirus MonlabTest	3						
	nal von minden dedicio Rota-Adenovirus Test	1						
	nal von minden NADAL Rota-Adenovirus	25						
	Novamed Rota/Adeno Combistick One Step Assay	7						
	Operon Simple Rota-Adeno	4						
	Pro-Lab Proflow Rota-Adeno Combi	2						
	R-Biopharm RidaQuick Rota/Adeno/Noro Combi	45						
	R-Biopharm RidaQuick Rotavirus/Adenovirus Combi	64						
	R-Biopharm Ridascreen Adenovirus	2						
	SD Biosensor STANDARD F Rota/Adeno Ag FIA	11						
	Servibio Adeno-Rota-Noro 1/2 Color	6						
	Servibio ParaSign Adeno-Rota Color	23						
	Servibio ParaSign Adeno-Rota-Astrovirus Color	2						
	Vedalab Adeno-Check-1	1						
	Vitassay Adenovirus Single Card	1						
	Vitassay Rotavirus + Adenovirus + Norovirus	3						
	Vitassay Rotavirus + Adenovirus Double Card	1						
	Total:	398	2	2	100 %	0.5 %	99.5 %	

RotaAg	Interpretation	Method	Interpretation count	Method count	Own score	Max score	Own success rate	Difference	AVR success rate
	<input checked="" type="radio"/> Negative		404		2	2	100 %	0 %	100 %
		Abbott SD Bioline Rota/Adeno Ag Rapid Kit		13					
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		16					
		Ameritek USA One Step Rota-Adeno Combo		2					
		Apacor Rapydtest Rota/Adeno Ag		2					
		ArcDia mariPOC Gastro		1					
		AxisBio Diagnostics Biocard Rotastick		1					
		Biokit Biorapid Rota/Adeno		1					
		Biomaxima Rota/Adenovirus Ag		7					
		bioMerieux bioNexia Rota-Adeno		1					
		Biosynex Adeno/Rota Combo		11					
		Biosynex Adenovirus/Rotavirus BSS		33					
		Biosynex IMMUNOQUICK NoRotAdeno		18					

		CerTest Biotec Rota-Adeno-Astro-Noro one step combo card test		2						
		● CerTest Biotec Rotavirus + Adenovirus one step combo card test		30						
		CerTest Biotec Rotavirus one step card test		3						
		CerTest Biotec Rotavirus+ Adenovirus+ Norovirus one step combo card test		2						
		Coris BioConcept Combi K-SeT		5						
		Coris BioConcept Combi-Strip		5						
		Coris BioConcept Rota&Adeno 40/41 GastroVir-Strip		1						
		Coris BioConcept Rota-Strip		2						
		CTK Biotech OnSite Rota/Adeno Ag Rapid Test		10						
		Diasorin CLIA Liaison Rotavirus		5						
		Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette		4						
		Hydrex Rota-Adeno Test		3						
		Mascia Brunelli Adeno+Rota Card Plus		2						
		Meridian Immunocard STAT Rotavirus		2						
		Meridian ImmunoCardSTAT! Rota-Adeno-Noro2		16						
		Meridian Premier Rotaclone		1						
		Meridian Rapid Strip Rota/Adenovirus		1						
		Monlab Rotavirus-Adenovirus MonlabTest		3						
		nal von minden dedicio Rota-Adenovirus Test		1						
		nal von minden NADAL Rota-Adenovirus		24						
		Novamed Rota/Adeno Combistick One Step Assay		8						
		Novamed RotaStick One Step Assay		1						
		Operon Simple Rota-Adeno		4						
		Pro-Lab Proflow Rota-Adeno Combi		2						
		Pro-Lab Proflow Rotavirus		1						
		R-Biopharm RidaQuick Rota/Adeno/Noro Combi		45						
		R-Biopharm RidaQuick Rotavirus		2						
		R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		63						
		R-Biopharm Ridascreen Rotavirus		2						
		SD Biosensor STANDARD F Rota/Adeno Ag FIA		11						
		Servibio Adeno-Rota-Noro 1/2 Color		6						
		Servibio ParaSign Adeno-Rota Color		23						
		Servibio ParaSign Adeno-Rota-Astrovirus Color		2						
		Vedalab Rota-Check-1		1						
		Vitassay Rotavirus + Adenovirus + Norovirus		3						
		Vitassay Rotavirus + Adenovirus Double Card		1						
		Vitassay Rotavirus Single Card		1						
	Positive			2		-			0 %	
		CerTest Biotec Rotavirus + Adenovirus one step combo card test		1						
		Meridian Rapid Strip Rota/Adenovirus		1						
	Total:			406		2	2	100 %	0.5 %	99.5 %

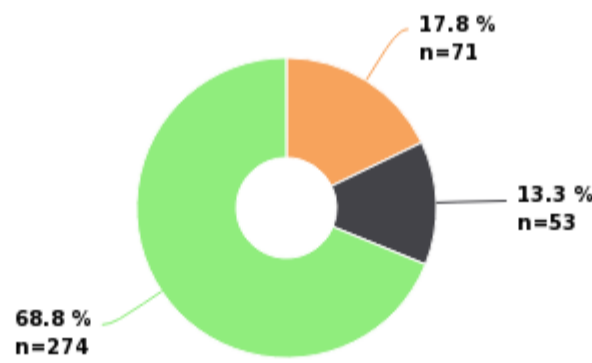
Sample S003

Sample S003 success rate



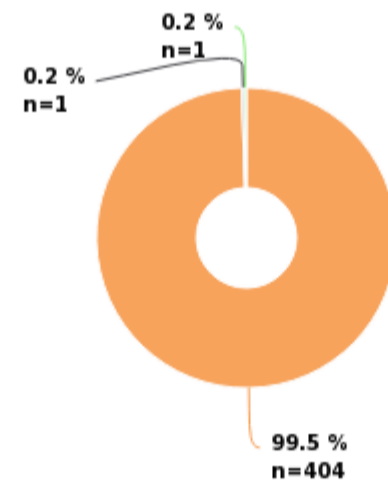
Sample S003 results	Responded	Own score	Max score	Own success rate	Difference	AVR success rate	Count
	AdenAg	-	-	-	-	-	398
	RotaAg	2	2	100 %	0.5 %	99.5 %	406
	Total:	2	2	100 %	0.5 %	99.5 %	804

Sample S003 AdenAg



■ Negative ■ Weak positive ■ Positive

Sample S003 RotaAg



■ Negative ■ Weak positive ■ Positive

AdenAg	Interpretation	Method	Interpretation count	Method count	Own score	Max score	Own success rate	Difference	AVR success rate
	Negative		71		-				-
		Abbott SD Bioline Rota/Adeno Ag Rapid Kit		7					
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		3					
		Biomaxima Rota/Adenovirus Ag		1					
		Biosynex Adeno/Rota Combo		5					
		Biosynex Adenovirus/Rotavirus BSS		11					
		CerTest Biotec Rotavirus + Adenovirus one step combo card test		1					
		Coris BioConcept Combi K-SeT		2					
		Coris BioConcept Combi-Strip		2					
		Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette		1					
		Meridian Rapid Strip Rota/Adenovirus		2					
		nal von minden NADAL Rota-Adenovirus		2					
		Operon Simple Rota-Adeno		1					
		R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		33					
	Weak positive		53		-				-
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		1					
		Biomaxima Rota/Adenovirus Ag		2					
		Biosynex Adeno/Rota Combo		3					
		Biosynex Adenovirus/Rotavirus BSS		7					
		Biosynex IMMUNOQUICK NoRotAdeno		2					

	CerTest Biotec Rotavirus + Adenovirus one step combo card test		1				
	Coris BioConcept Combi K-SeT		1				
	Coris BioConcept Combi-Strip		1				
	Coris BioConcept Rota&Adeno 40/41 GastroVir-Strip		1				
	CTK Biotech OnSite Rota/Adeno Ag Rapid Test		2				
	Diasorin CLIA Liaison Adenovirus		1				
	Hydrex Rota-Adeno Test		1				
	Meridian ImmunoCardSTAT! Rota-Adeno-Noro2		3				
	Monlab Rotavirus-Adenovirus MonlabTest		1				
	nal von minden dedicio Rota-Adenovirus Test		1				
	nal von minden NADAL Rota-Adenovirus		1				
	R-Biopharm RidaQuick Rota/Adeno/Noro Combi		16				
	R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		8				
<input checked="" type="radio"/>	Positive	274		-			-
	Abbott SD Bioline Rota/Adeno Ag Rapid Kit		5				
	Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		11				
	Ameritek USA One Step Rota-Adeno Combo		2				
	Apacor Rapydtest Rota/Adeno Ag		2				
	ArcDia mariPOC Gastro		1				
	Biokit Biorapid Rota/Adeno		1				
	Biomaxima Rota/Adenovirus Ag		4				
	bioMerieux Slidex Rota/Adenokit		1				
	Biosynex Adeno/Rota Combo		3				
	Biosynex Adenovirus/Rotavirus BSS		15				
	Biosynex IMMUNOQUICK NoRotAdeno		16				
	CerTest Biotec Adenovirus one step card test		3				
	CerTest Biotec Rota-Adeno-Astro-Noro one step combo card test		2				
<input checked="" type="radio"/>	CerTest Biotec Rotavirus + Adenovirus one step combo card test		29				
	CerTest Biotec Rotavirus+ Adenovirus+ Norovirus one step combo card test		2				
	CerTest CLIA Adenovirus Ag		1				
	Coris BioConcept Combi K-SeT		2				
	Coris BioConcept Combi-Strip		2				
	CTK Biotech OnSite Rota/Adeno Ag Rapid Test		8				
	Diasorin CLIA Liaison Adenovirus		5				
	Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette		3				
	Hydrex Rota-Adeno Test		2				
	In-house Adenovirus		1				
	Mascia Brunelli Adeno+Rota Card Plus		2				
	Meridian ImmunoCardSTAT! Rota-Adeno-Noro2		13				
	Monlab Rotavirus-Adenovirus MonlabTest		2				
	nal von minden NADAL Rota-Adenovirus		22				
	Novamed Rota/Adeno Combistick One Step Assay		7				
	Operon Simple Rota-Adeno		3				
	Pro-Lab Proflow Rota-Adeno Combi		2				
	R-Biopharm RidaQuick Rota/Adeno/Noro Combi		29				
	R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		23				
	R-Biopharm Ridascreen Adenovirus		2				
	SD Biosensor STANDARD F Rota/Adeno Ag FIA		11				
	Servibio Adeno-Rota-Noro 1/2 Color		6				

	Servibio ParaSign Adeno-Rota Color	23						
	Servibio ParaSign Adeno-Rota-Astrovirus Color	2						
	Vedalab Adeno-Check-1	1						
	Vitassay Adenovirus Single Card	1						
	Vitassay Rotavirus + Adenovirus + Norovirus	3						
	Vitassay Rotavirus + Adenovirus Double Card	1						
	Total:	398						

RotaAg	Interpretation	Method	Interpretation count	Method count	Own score	Max score	Own success rate	Difference	AVR success rate
	<input checked="" type="radio"/> Negative		404		2	2	100 %	0 %	100 %
		Abbott SD Bioline Rota/Adeno Ag Rapid Kit		13					
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		16					
		Ameritek USA One Step Rota-Adeno Combo		2					
		Apacor Rapydtest Rota/Adeno Ag		2					
		ArcDia mariPOC Gastro		1					
		AxisBio Diagnostics Biocard Rotastick		1					
		Biokit Biorapid Rota/Adeno		1					
		Biomaxima Rota/Adenovirus Ag		7					
		bioMerieux bioNexia Rota-Adeno		1					
		Biosynex Adeno/Rota Combo		11					
		Biosynex Adenovirus/Rotavirus BSS		33					
		Biosynex IMMUNOQUICK NoRotAdeno		18					
		CerTest Biotec Rota-Adeno-Astro-Noro one step combo card test		2					
		<input checked="" type="radio"/> CerTest Biotec Rotavirus + Adenovirus one step combo card test		30					
		CerTest Biotec Rotavirus one step card test		3					
		CerTest Biotec Rotavirus+ Adenovirus+ Norovirus one step combo card test		2					
		Coris BioConcept Combi K-Set		5					
		Coris BioConcept Combi-Strip		4					
		Coris BioConcept Rota&Adeno 40/41 GastroVir-Strip		1					
		Coris BioConcept Rota-Strip		2					
		CTK Biotech OnSite Rota/Adeno Ag Rapid Test		10					
		Diasorin CLIA Liaison Rotavirus		5					
		Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette		4					
		Hydrex Rota-Adeno Test		3					
		Mascia Brunelli Adeno+Rota Card Plus		2					
		Meridian Immunocard STAT Rotavirus		2					
		Meridian ImmunoCardSTAT! Rota-Adeno-Noro2		16					
		Meridian Premier Rotaclone		1					
		Meridian Rapid Strip Rota/Adenovirus		2					
		Monlab Rotavirus-Adenovirus MonlabTest		3					
		nal von minden dedicio Rota-Adenovirus Test		1					
		nal von minden NADAL Rota-Adenovirus		24					
		Novamed Rota/Adeno Combistick One Step Assay		8					
		Novamed RotaStick One Step Assay		1					
		Operon Simple Rota-Adeno		4					
		Pro-Lab Proflow Rota-Adeno Combi		2					
		Pro-Lab Proflow Rotavirus		1					
		R-Biopharm RidaQuick Rota/Adeno/Noro Combi		44					
		R-Biopharm RidaQuick Rotavirus		1					
		R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		65					

	R-Biopharm Ridascreen Rotavirus		2					
	SD Biosensor STANDARD F Rota/Adeno Ag FIA		11					
	Servibio Adeno-Rota-Noro 1/2 Color		6					
	Servibio ParaSign Adeno-Rota Color		23					
	Servibio ParaSign Adeno-Rota-Astrovirus Color		2					
	Vedalab Rota-Check-1		1					
	Vitassay Rotavirus + Adenovirus + Norovirus		3					
	Vitassay Rotavirus + Adenovirus Double Card		1					
	Vitassay Rotavirus Single Card		1					
Weak positive		1		-				0 %
	Coris BioConcept Combi-Strip		1					
Positive		1		-				0 %
	CerTest Biotec Rotavirus + Adenovirus one step combo card test		1					
Total:		406		2	2	100 %	0.5 %	99.5 %

Report Info

PARTICIPANTS

Altogether 409 laboratories from 21 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 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

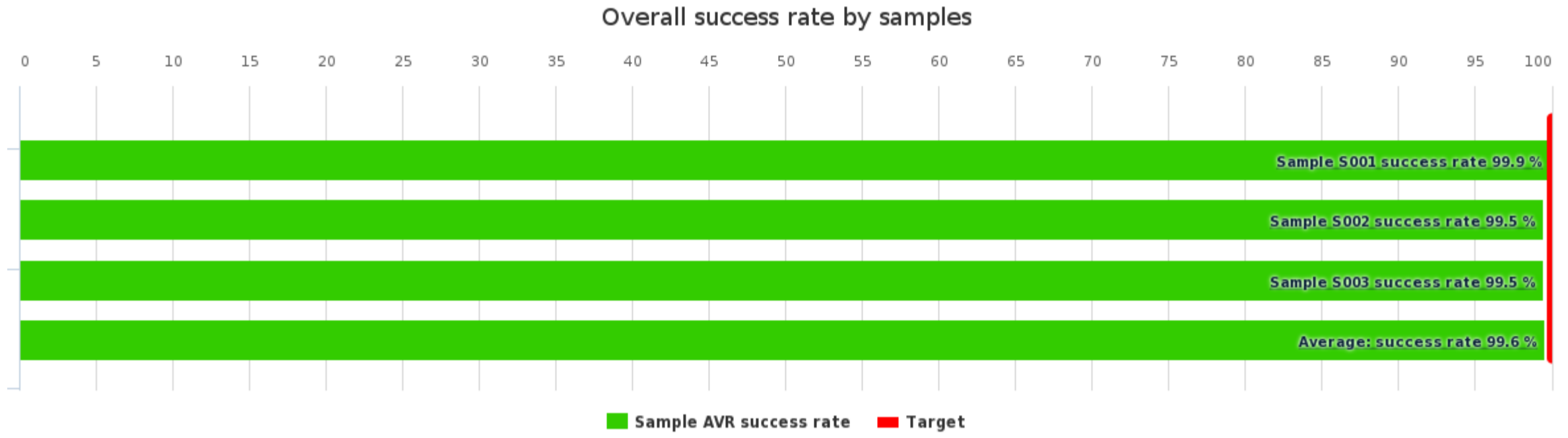
The performance of the laboratory is assessed by the Own success rate (%). The target is 100%. The examination-specific scores obtained by the laboratory in the round are converted to Own success rate per sample (scores/maximum scores*100). The Laboratory's Own success rate is the average of the sample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

GLOBAL REPORT

	No of participants	No of responded participants	Response percentage
Rotavirus and adenovirus, antigen detection, March, 1-2023	409	400	97.8 %

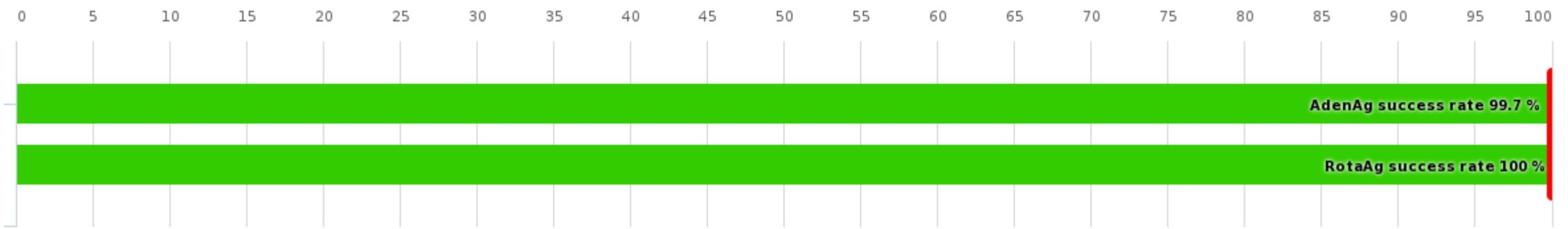
Summary



Summary	AVR success rate
Sample S001	99.9 %
Sample S002	99.5 %
Sample S003	99.5 %
Average:	99.6 %

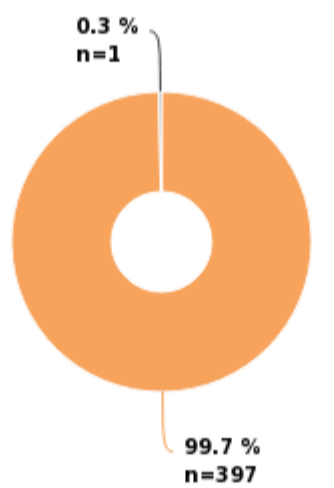
Sample S001

Sample S001 success rate



Sample S001 results	Responded	AVR success rate	Count
	AdenAg	99.7 %	398
	RotaAg	100 %	406
	Total:	99.9 %	804

Sample S001 AdenAg



Legend: ■ Negative ■ Positive

Sample S001 RotaAg



Legend: ■ Negative

AdenAg	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		397		100 %	2
		Abbott SD Bipline Rota/Adeno Ag Rapid Kit		12		
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		14		
		Ameritek USA One Step Rota-Adeno Combo		2		
		Apacor Rapydtest Rota/Adeno Ag		2		
		ArcDia mariPOC Gastro		1		
		Biokit Biorapid Rota/Adeno		1		
		Biomaxima Rota/Adenovirus Ag		7		
		bioMerieux bioNexia Rota-Adeno		1		
		Biosynex Adeno/Rota Combo		11		
		Biosynex Adenovirus/Rotavirus BSS		33		
		Biosynex IMMUNOQUICK NoRotAdeno		18		
		CerTest Biotec Adenovirus one step card test		3		
		CerTest Biotec Rota-Adeno-Astro-Noro one step combo card test		2		
		CerTest Biotec Rotavirus + Adenovirus one step combo card test		31		
		CerTest Biotec Rotavirus+ Adenovirus+ Norovirus one step combo card test		2		
		CerTest CLIA Adenovirus Ag		1		
		Coris BioConcept Combi K-SeT		5		
		Coris BioConcept Combi-Strip		5		
		Coris BioConcept Rota&Adeno 40/41 GastroVir-Strip		1		
		CTK Biotech OnSite Rota/Adeno Ag Rapid Test		10		

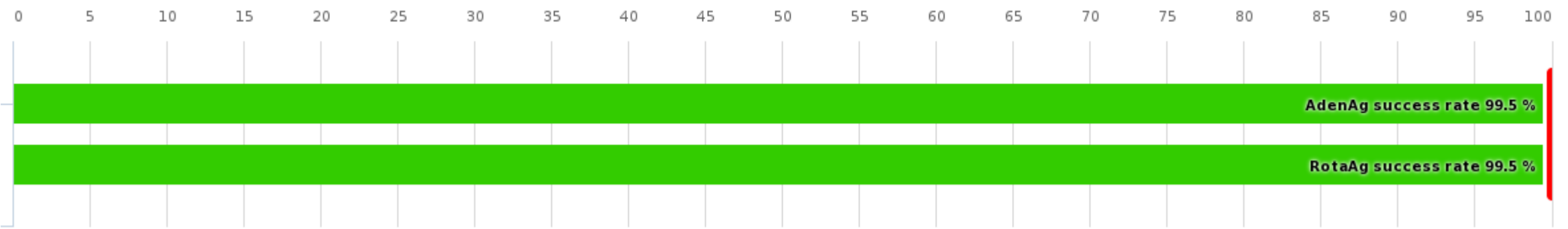
		Diasorin CLIA Liaison Adenovirus		6		
		Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette		4		
		Hydrex Rota-Adeno Test		3		
		In-house Adenovirus		1		
		Mascia Brunelli Adeno+Rota Card Plus		2		
		Meridian ImmunoCardSTAT! Rota-Adeno-Noro2		16		
		Meridian Rapid Strip Rota/Adenovirus		2		
		Monlab Rotavirus-Adenovirus MonlabTest		3		
		nal von minden dedicio Rota-Adenovirus Test		1		
		nal von minden NADAL Rota-Adenovirus		25		
		Novamed Rota/Adeno Combistick One Step Assay		7		
		Operon Simple Rota-Adeno		4		
		Pro-Lab Proflow Rota-Adeno Combi		2		
		R-Biopharm RidaQuick Rota/Adeno/Noro Combi		45		
		R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		64		
		R-Biopharm Ridascreen Adenovirus		2		
		SD Biosensor STANDARD F Rota/Adeno Ag FIA		11		
		Servibio Adeno-Rota-Noro 1/2 Color		6		
		Servibio ParaSign Adeno-Rota Color		22		
		Servibio ParaSign Adeno-Rota-Astrovirus Color		3		
		Vedalab Adeno-Check-1		1		
		Vitassay Adenovirus Single Card		1		
		Vitassay Rotavirus + Adenovirus + Norovirus		3		
		Vitassay Rotavirus + Adenovirus Double Card		1		
	Positive		1		0 %	0
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		1		
	Total:		398		99.7 %	

RotaAg	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		406		100 %	2
		Abbott SD Bioline Rota/Adeno Ag Rapid Kit		13		
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		16		
		Ameritek USA One Step Rota-Adeno Combo		2		
		Apacor Rapydtest Rota/Adeno Ag		2		
		ArcDia mariPOC Gastro		1		
		AxisBio Diagnostics Biocard Rotastick		1		
		Biokit Biorapid Rota/Adeno		1		
		Biomaxima Rota/Adenovirus Ag		7		
		bioMerieux bioNexia Rota-Adeno		1		
		Biosynex Adeno/Rota Combo		11		
		Biosynex Adenovirus/Rotavirus BSS		33		
		Biosynex IMMUNOQUICK Adenovirus-Rotavirus		1		
		Biosynex IMMUNOQUICK NoRotAdeno		17		
		CerTest Biotec Rota-Adeno-Astro-Noro one step combo card test		2		
		CerTest Biotec Rotavirus + Adenovirus one step combo card test		31		
		CerTest Biotec Rotavirus one step card test		3		
		CerTest Biotec Rotavirus+ Adenovirus+ Norovirus one step combo card test		2		
		Coris BioConcept Combi K-SeT		5		
		Coris BioConcept Combi-Strip		5		
		Coris BioConcept Rota&Adeno 40/41 GastroVir-Strip		1		
		Coris BioConcept Rota-Strip		2		
		CTK Biotech OnSite Rota/Adeno Ag Rapid Test		10		
		Diasorin CLIA Liaison Rotavirus		5		
		Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette		4		
		Hydrex Rota-Adeno Test		3		
		Mascia Brunelli Adeno+Rota Card Plus		2		
		Meridian Immunocard STAT Rotavirus		2		
		Meridian ImmunoCardSTAT! Rota-Adeno-Noro2		16		

	Meridian Premier Rotaclone		1		
	Meridian Rapid Strip Rota/Adenovirus		2		
	Monlab Rotavirus-Adenovirus MonlabTest		3		
	nal von minden dedicio Rota-Adenovirus Test		1		
	nal von minden NADAL Rota-Adenovirus		24		
	Novamed Rota/Adeno Combistick One Step Assay		8		
	Novamed RotaStick One Step Assay		1		
	Operon Simple Rota-Adeno		4		
	Pro-Lab Proflow Rota-Adeno Combi		2		
	Pro-Lab Proflow Rotavirus		1		
	R-Biopharm RidaQuick Rota/Adeno/Noro Combi		46		
	R-Biopharm RidaQuick Rotavirus		1		
	R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		63		
	R-Biopharm Ridascreen Rotavirus		2		
	SD Biosensor STANDARD F Rota/Adeno Ag FIA		11		
	Servibio Adeno-Rota-Noro 1/2 Color		6		
	Servibio ParaSign Adeno-Rota Color		23		
	Servibio ParaSign Adeno-Rota-Astrovirus Color		2		
	Vedalab Rota-Check-1		1		
	Vitassay Rotavirus + Adenovirus + Norovirus		3		
	Vitassay Rotavirus + Adenovirus Double Card		1		
	Vitassay Rotavirus Single Card		1		
Total:		406		100 %	

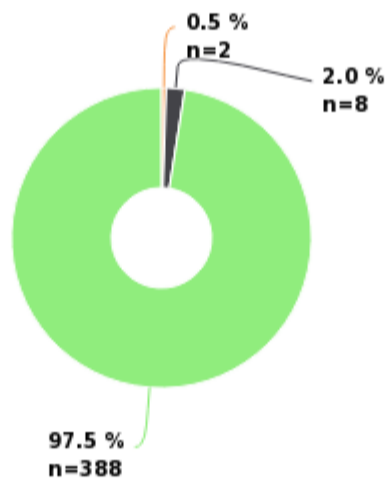
Sample S002

Sample S002 success rate



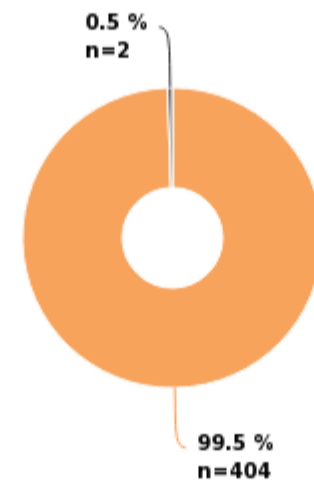
Sample S002 results	Responded	AVR success rate	Count
	AdenAg	99.5 %	398
	RotaAg	99.5 %	406
	Total:	99.5 %	804

Sample S002 AdenAg



■ Positive
 ■ Weak positive
 ■ Negative

Sample S002 RotaAg



■ Negative
 ■ Positive

AdenAg	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		2		0 %	0
		CerTest Biotec Rotavirus + Adenovirus one step combo card test		1		
		Meridian Rapid Strip Rota/Adenovirus		1		
	Weak positive		8		100 %	2
		Abbott SD Bioline Rota/Adeno Ag Rapid Kit		1		
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		1		
		Biosynex Adenovirus/Rotavirus BSS		1		
		Coris BioConcept Combi K-SeT		2		
		Coris BioConcept Combi-Strip		2		
		Coris BioConcept Rota&Adeno 40/41 GastroVir-Strip		1		
	Positive		388		100 %	2
		Abbott SD Bioline Rota/Adeno Ag Rapid Kit		11		
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		14		
		Ameritek USA One Step Rota-Adeno Combo		2		
		Apacor Rapydtest Rota/Adeno Ag		2		
		ArcDia mariPOC Gastro		1		
		Biokit Biorapid Rota/Adeno		1		
		Biomaxima Rota/Adenovirus Ag		7		
		bioMerieux bioNexia Rota-Adeno		1		
		Biosynex Adeno/Rota Combo		11		
		Biosynex Adenovirus/Rotavirus BSS		32		
		Biosynex IMMUNOQUICK NoRotAdeno		18		

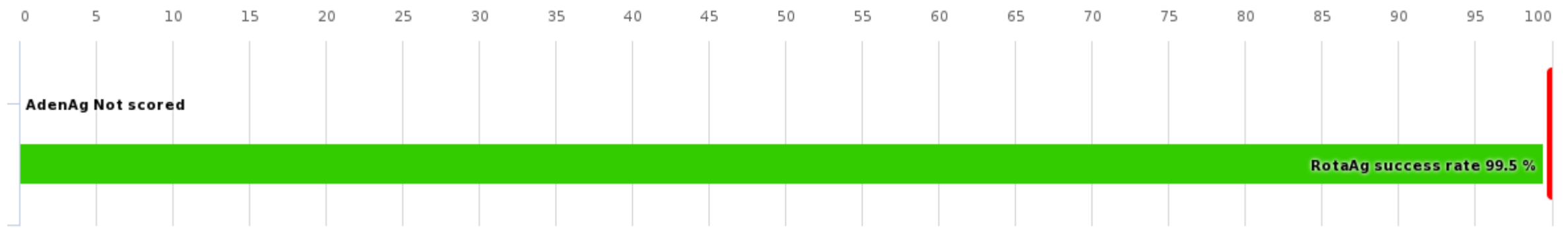
		CerTest Biotec Adenovirus one step card test		3		
		CerTest Biotec Rota-Adeno-Astro-Noro one step combo card test		2		
		CerTest Biotec Rotavirus + Adenovirus one step combo card test		30		
		CerTest Biotec Rotavirus+ Adenovirus+ Norovirus one step combo card test		2		
		CerTest CLIA Adenovirus Ag		1		
		Coris BioConcept Combi K-SeT		3		
		Coris BioConcept Combi-Strip		3		
		CTK Biotech OnSite Rota/Adeno Ag Rapid Test		10		
		Diasorin CLIA Liaison Adenovirus		6		
		Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette		4		
		Hydrex Rota-Adeno Test		3		
		In-house Adenovirus		1		
		Mascia Brunelli Adeno+Rota Card Plus		2		
		Meridian ImmunoCardSTAT! Rota-Adeno-Noro2		16		
		Meridian Rapid Strip Rota/Adenovirus		1		
		Monlab Rotavirus-Adenovirus MonlabTest		3		
		nal von minden dedicio Rota-Adenovirus Test		1		
		nal von minden NADAL Rota-Adenovirus		25		
		Novamed Rota/Adeno Combistick One Step Assay		7		
		Operon Simple Rota-Adeno		4		
		Pro-Lab Proflow Rota-Adeno Combi		2		
		R-Biopharm RidaQuick Rota/Adeno/Noro Combi		45		
		R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		64		
		R-Biopharm Ridascreen Adenovirus		2		
		SD Biosensor STANDARD F Rota/Adeno Ag FIA		11		
		Servibio Adeno-Rota-Noro 1/2 Color		6		
		Servibio ParaSign Adeno-Rota Color		23		
		Servibio ParaSign Adeno-Rota-Astrovirus Color		2		
		Vedalab Adeno-Check-1		1		
		Vitassay Adenovirus Single Card		1		
		Vitassay Rotavirus + Adenovirus + Norovirus		3		
		Vitassay Rotavirus + Adenovirus Double Card		1		
	Total:			398		99.5 %

RotaAg	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		404		100 %	2
		Abbott SD Bioline Rota/Adeno Ag Rapid Kit		13		
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		16		
		Ameritek USA One Step Rota-Adeno Combo		2		
		Apacor Rapydtest Rota/Adeno Ag		2		
		ArcDia mariPOC Gastro		1		
		AxisBio Diagnostics Biocard Rotastick		1		
		Biokit Biorapid Rota/Adeno		1		
		Biomaxima Rota/Adenovirus Ag		7		
		bioMerieux bioNexia Rota-Adeno		1		
		Biosynex Adeno/Rota Combo		11		
		Biosynex Adenovirus/Rotavirus BSS		33		
		Biosynex IMMUNOQUICK NoRotAdeno		18		
		CerTest Biotec Rota-Adeno-Astro-Noro one step combo card test		2		
		CerTest Biotec Rotavirus + Adenovirus one step combo card test		30		
		CerTest Biotec Rotavirus one step card test		3		
		CerTest Biotec Rotavirus+ Adenovirus+ Norovirus one step combo card test		2		
		Coris BioConcept Combi K-SeT		5		
		Coris BioConcept Combi-Strip		5		
		Coris BioConcept Rota&Adeno 40/41 GastroVir-Strip		1		
		Coris BioConcept Rota-Strip		2		
		CTK Biotech OnSite Rota/Adeno Ag Rapid Test		10		

	Diasorin CLIA Liaison Rotavirus		5		
	Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette		4		
	Hydrex Rota-Adeno Test		3		
	Mascia Brunelli Adeno+Rota Card Plus		2		
	Meridian Immunocard STAT Rotavirus		2		
	Meridian ImmunoCardSTAT! Rota-Adeno-Noro2		16		
	Meridian Premier Rotaclone		1		
	Meridian Rapid Strip Rota/Adenovirus		1		
	Monlab Rotavirus-Adenovirus MonlabTest		3		
	nal von minden dedicio Rota-Adenovirus Test		1		
	nal von minden NADAL Rota-Adenovirus		24		
	Novamed Rota/Adeno Combistick One Step Assay		8		
	Novamed RotaStick One Step Assay		1		
	Operon Simple Rota-Adeno		4		
	Pro-Lab Proflow Rota-Adeno Combi		2		
	Pro-Lab Proflow Rotavirus		1		
	R-Biopharm RidaQuick Rota/Adeno/Noro Combi		45		
	R-Biopharm RidaQuick Rotavirus		2		
	R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		63		
	R-Biopharm Ridascreen Rotavirus		2		
	SD Biosensor STANDARD F Rota/Adeno Ag FIA		11		
	Servibio Adeno-Rota-Noro 1/2 Color		6		
	Servibio ParaSign Adeno-Rota Color		23		
	Servibio ParaSign Adeno-Rota-Astrovirus Color		2		
	Vedalab Rota-Check-1		1		
	Vitassay Rotavirus + Adenovirus + Norovirus		3		
	Vitassay Rotavirus + Adenovirus Double Card		1		
	Vitassay Rotavirus Single Card		1		
Positive		2		0 %	0
	CerTest Biotec Rotavirus + Adenovirus one step combo card test		1		
	Meridian Rapid Strip Rota/Adenovirus		1		
Total:		406		99.5 %	

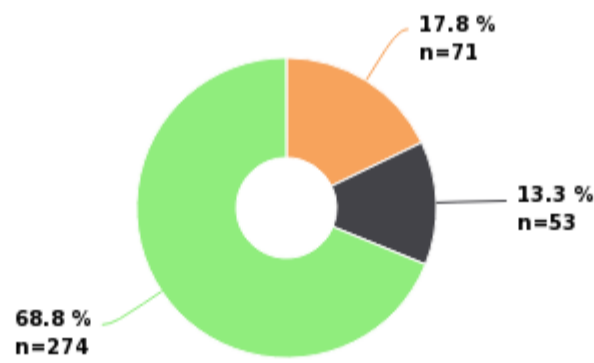
Sample S003

Sample S003 success rate



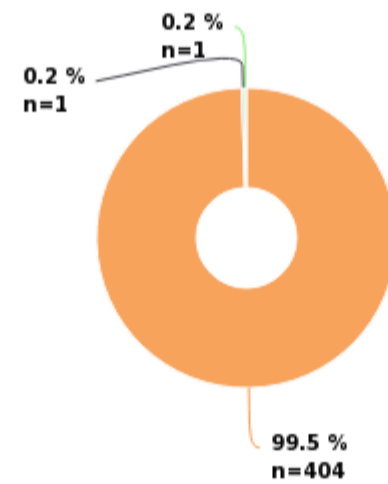
Sample S003 results	Responded	AVR success rate	Count
	AdenAg	-	398
	RotaAg	99.5 %	406
	Total:	99.5 %	804

Sample S003 AdenAg



Legend: Negative (orange), Weak positive (dark grey), Positive (green)

Sample S003 RotaAg



Legend: Negative (orange), Weak positive (dark grey), Positive (green)

AdenAg	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
	Negative		71		-	-
		Abbott SD Bioline Rota/Adeno Ag Rapid Kit		7		
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		3		
		Biomaxima Rota/Adenovirus Ag		1		
		Biosynex Adeno/Rota Combo		5		
		Biosynex Adenovirus/Rotavirus BSS		11		
		CerTest Biotec Rotavirus + Adenovirus one step combo card test		1		
		Coris BioConcept Combi K-SeT		2		
		Coris BioConcept Combi-Strip		2		
		Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette		1		
		Meridian Rapid Strip Rota/Adenovirus		2		
		nal von minden NADAL Rota-Adenovirus		2		
		Operon Simple Rota-Adeno		1		
		R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		33		
	Weak positive		53		-	-
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		1		
		Biomaxima Rota/Adenovirus Ag		2		
		Biosynex Adeno/Rota Combo		3		
		Biosynex Adenovirus/Rotavirus BSS		7		
		Biosynex IMMUNOQUICK NoRotAdeno		2		

		CerTest Biotec Rotavirus + Adenovirus one step combo card test		1		
		Coris BioConcept Combi K-SeT		1		
		Coris BioConcept Combi-Strip		1		
		Coris BioConcept Rota&Adeno 40/41 GastroVir-Strip		1		
		CTK Biotech OnSite Rota/Adeno Ag Rapid Test		2		
		Diasorin CLIA Liaison Adenovirus		1		
		Hydrex Rota-Adeno Test		1		
		Meridian ImmunoCardSTAT! Rota-Adeno-Noro2		3		
		Monlab Rotavirus-Adenovirus MonlabTest		1		
		nal von minden dedicio Rota-Adenovirus Test		1		
		nal von minden NADAL Rota-Adenovirus		1		
		R-Biopharm RidaQuick Rota/Adeno/Noro Combi		16		
		R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		8		
	Positive		274		-	-
		Abbott SD Biline Rota/Adeno Ag Rapid Kit		5		
		Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		11		
		Ameritek USA One Step Rota-Adeno Combo		2		
		Apacor Rapydtest Rota/Adeno Ag		2		
		ArcDia mariPOC Gastro		1		
		Biokit Biorapid Rota/Adeno		1		
		Biomaxima Rota/Adenovirus Ag		4		
		bioMerieux Slidex Rota/Adenokit		1		
		Biosynex Adeno/Rota Combo		3		
		Biosynex Adenovirus/Rotavirus BSS		15		
		Biosynex IMMUNOQUICK NoRotAdeno		16		
		CerTest Biotec Adenovirus one step card test		3		
		CerTest Biotec Rota-Adeno-Astro-Noro one step combo card test		2		
		CerTest Biotec Rotavirus + Adenovirus one step combo card test		29		
		CerTest Biotec Rotavirus+ Adenovirus+ Norovirus one step combo card test		2		
		CerTest CLIA Adenovirus Ag		1		
		Coris BioConcept Combi K-SeT		2		
		Coris BioConcept Combi-Strip		2		
		CTK Biotech OnSite Rota/Adeno Ag Rapid Test		8		
		Diasorin CLIA Liaison Adenovirus		5		
		Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette		3		
		Hydrex Rota-Adeno Test		2		
		In-house Adenovirus		1		
		Mascia Brunelli Adeno+Rota Card Plus		2		
		Meridian ImmunoCardSTAT! Rota-Adeno-Noro2		13		
		Monlab Rotavirus-Adenovirus MonlabTest		2		
		nal von minden NADAL Rota-Adenovirus		22		
		Novamed Rota/Adeno Combistick One Step Assay		7		
		Operon Simple Rota-Adeno		3		
		Pro-Lab Proflow Rota-Adeno Combi		2		
		R-Biopharm RidaQuick Rota/Adeno/Noro Combi		29		
		R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		23		
		R-Biopharm Ridascreen Adenovirus		2		
		SD Biosensor STANDARD F Rota/Adeno Ag FIA		11		
		Servibio Adeno-Rota-Noro 1/2 Color		6		
		Servibio ParaSign Adeno-Rota Color		23		
		Servibio ParaSign Adeno-Rota-Astrovirus Color		2		
		Vedalab Adeno-Check-1		1		
		Vitassay Adenovirus Single Card		1		
		Vitassay Rotavirus + Adenovirus + Norovirus		3		
		Vitassay Rotavirus + Adenovirus Double Card		1		
	Total:		398			

RotaAg	Interpretation	Method	Interpretation count	Method count	AVR success rate	Interpretation Score
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Negative		404		100 %	2
	Abbott SD Bioline Rota/Adeno Ag Rapid Kit		13		
	Acro Biotech Rotavirus and Adenovirus Combo Rapid Test Cassette		16		
	Ameritek USA One Step Rota-Adeno Combo		2		
	Apacor Rapydtest Rota/Adeno Ag		2		
	ArcDia mariPOC Gastro		1		
	AxisBio Diagnostics Biocard Rotastick		1		
	Biokit Biorapid Rota/Adeno		1		
	Biomaxima Rota/Adenovirus Ag		7		
	bioMerieux bioNexia Rota-Adeno		1		
	Biosynex Adeno/Rota Combo		11		
	Biosynex Adenovirus/Rotavirus BSS		33		
	Biosynex IMMUNOQUICK NoRotAdeno		18		
	CerTest Biotec Rota-Adeno-Astro-Noro one step combo card test		2		
	CerTest Biotec Rotavirus + Adenovirus one step combo card test		30		
	CerTest Biotec Rotavirus one step card test		3		
	CerTest Biotec Rotavirus+ Adenovirus+ Norovirus one step combo card test		2		
	Coris BioConcept Combi K-SeT		5		
	Coris BioConcept Combi-Strip		4		
	Coris BioConcept Rota&Adeno 40/41 GastroVir-Strip		1		
	Coris BioConcept Rota-Strip		2		
	CTK Biotech OnSite Rota/Adeno Ag Rapid Test		10		
	Diasorin CLIA Liaison Rotavirus		5		
	Hangzhou Alltest Biotech Beright Rotavirus and Adenovirus Combo Rapid Test Cassette		4		
	Hydrex Rota-Adeno Test		3		
	Mascia Brunelli Adeno+Rota Card Plus		2		
	Meridian Immunocard STAT Rotavirus		2		
	Meridian ImmunoCardSTAT! Rota-Adeno-Noro2		16		
	Meridian Premier Rotaclone		1		
	Meridian Rapid Strip Rota/Adenovirus		2		
	Monlab Rotavirus-Adenovirus MonlabTest		3		
	nal von minden dedicio Rota-Adenovirus Test		1		
	nal von minden NADAL Rota-Adenovirus		24		
	Novamed Rota/Adeno Combistick One Step Assay		8		
	Novamed RotaStick One Step Assay		1		
	Operon Simple Rota-Adeno		4		
	Pro-Lab Proflow Rota-Adeno Combi		2		
	Pro-Lab Proflow Rotavirus		1		
	R-Biopharm RidaQuick Rota/Adeno/Noro Combi		44		
	R-Biopharm RidaQuick Rotavirus		1		
	R-Biopharm RidaQuick Rotavirus/Adenovirus Combi		65		
	R-Biopharm Ridascreen Rotavirus		2		
	SD Biosensor STANDARD F Rota/Adeno Ag FIA		11		
	Servibio Adeno-Rota-Noro 1/2 Color		6		
	Servibio ParaSign Adeno-Rota Color		23		
	Servibio ParaSign Adeno-Rota-Astrovirus Color		2		
	Vedalab Rota-Check-1		1		
	Vitassay Rotavirus + Adenovirus + Norovirus		3		
	Vitassay Rotavirus + Adenovirus Double Card		1		
	Vitassay Rotavirus Single Card		1		
Weak positive		1		0 %	0
	Coris BioConcept Combi-Strip		1		
Positive		1		0 %	0
	CerTest Biotec Rotavirus + Adenovirus one step combo card test		1		
Total:		406		99.5 %	

Report Info

PARTICIPANTS

Altogether 409 laboratories from 21 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 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

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.

External Quality Assessment Scheme

Rotavirus and adenovirus, antigen detection Round 1, 2023

Specimens

Samples of this EQA round were simulated faecal samples. The sample lots were tested in an accredited Finnish reference laboratory and the results were consistent with the certificates provided by the sample manufacturer. Based on the quality controls conducted by the sample material manufacturer, pre-testing and the results obtained in the round, the sample lots are to be considered as homogeneous, stable and suitable for external quality assessment. The materials were sent without temperature control packaging.

The accepted results were as follows:

Sample S001 (LQ774223011)

F-AdenAg Negative
F-RotaAg Negative

Sample S002 (LQ774223012)

F-AdenAg Positive (Adenovirus 40, strain: Dugan)
F-RotaAg Negative

Sample S003 (LQ774223013)

F-AdenAg Weak positive/positive (Adenovirus 41, strain: Tak)
F-RotaAg Negative

Pre-test methods: CerTest One Step Rotavirus and Adenovirus Combo Card Test and R-Biopharm RidaQuick Rotavirus/Adenovirus Combi.

Report info

Please see the description of the data analysis on the last page of the laboratory-specific reports and global reports. It is important to read the Final report first, because it contains important information of the samples and results in each round.

Comments – Expert

In this EQA round, adenovirus results for sample S003 are left unscored, as the dispersion of the adenovirus antigen results was too large with different commercial methods. The virus concentration was too close to the detection limit of the antigen detection tests. A good performance was achieved for sample S001 and S002.

Exceptions in scoring

F-AdenAg of sample S003 was not scored.

End of report

2023-05-08

FINAL REPORT

Product no. 5098

Subcontracting: Sample pretesting

Samples sent	2023-03-14
Round closed	2023-04-06
Expected results	2023-04-11
Final report	2023-05-08

Request for correction

Typing errors in laboratory's result forms are on laboratory's responsibility. Labquality accepts responsibility only for result processing. Requests must be notified by writing within three weeks from the date of this letter.

Authorized by

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