

External Quality Assessment Scheme

Sexually transmitted diseases multiplex, nucleic acid detection Round 1, 2023

Specimens

Please find enclosed 4 simulated samples S001, S002, S003 and S004. Shipment contains three swabs and one liquid sample (2 mL).

Caution

Each specimen simulates a clinical specimen and should therefore be handled with the same care as normal patient samples, capable of transmitting infectious disease.

Not for patient use.

Examinations

Please see page 2.

Storage and use

After arrival, the samples should be stored at +2...8 °C. Follow the standard operating procedure of your laboratory for disposal of the samples.

Handling instructions for swabs:

1. Open the foil package. Pay attention to avoid contamination.
2. Remove the swab from the foil package and place the swab into a specimen collection tube / transport media (supplied by your kit manufacturer) and rotate to dislodge as much material as possible. Snap off or cut the shaft of the swab to fit into tube.
3. Recap the collection tube and mix thoroughly to ensure that all of the sample material is mixed with the transport media.
4. Perform the analysis according to the manufacturer's instructions.

Handling instructions for the liquid sample:

1. Let the content of the vial warm up to room temperature prior to the analysis. Mix the sample by inverting the vial a few times prior to use. The sample may appear cloudy or there may be small particles.
2. Perform the analysis according to the manufacturer's instructions for a liquid sample.

Result reporting

Please enter the results and methods via LabScala (www.labscala.com).

Report the measurement date, test selection (tick the box) and method in the "Test selection" tab on the Pre-analytics page. If a listed pathogen is not included in your test selection, please choose "not in test selection" for the analyte in question. This information is transferred automatically to each sample and to the next round. You can change the information sample-wise or return to this page in order to change the information for all samples. If your test method is missing from the list, please contact the EQA Coordinator.

First, report the number of pathogenic findings that were identified from the sample. This question concerns only the pathogens that are included in the panel of this EQA round and are in your test selection. Next, report the pos/neg interpretation of each pathogen separately and the test result (e.g. Ct value). If you wish, you may copy e.g. interpretation "negative" to all analytes and then change the deviating results. Please note that results which are in the "draft" mode are not accepted in the result processing.

2023-03-14

INSTRUCTIONS

Product no. 5302
LQ782623011-014/US
UN3373

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 12, 2023.

Inquiries

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The participants are scored according to their test selection. In general, only the positive findings are scored for each sample. Interpretations “No test result” and “Invalid/unclear test result” are excluded from scoring. It is expected that the pathogens indicated in the sample content are to be identified, whereas other deviating findings will reduce the overall success rate. For those samples that are negative regarding all pathogens included in the panel of this scheme, the scoring is based on the answer given to the question “number of pathogenic findings” and the expected result would be “Negative sample, no pathogens detected”.

Examinations

The laboratory should examine the samples according to their routine protocol.

Chlamydia trachomatis
Mycoplasma genitalium
Mycoplasma hominis
Neisseria gonorrhoeae
Trichomonas vaginalis
Ureaplasma parvum
Ureaplasma urealyticum

Sexually transmitted diseases multiplex, nucleic acid detection

S001



S002



S003



S004

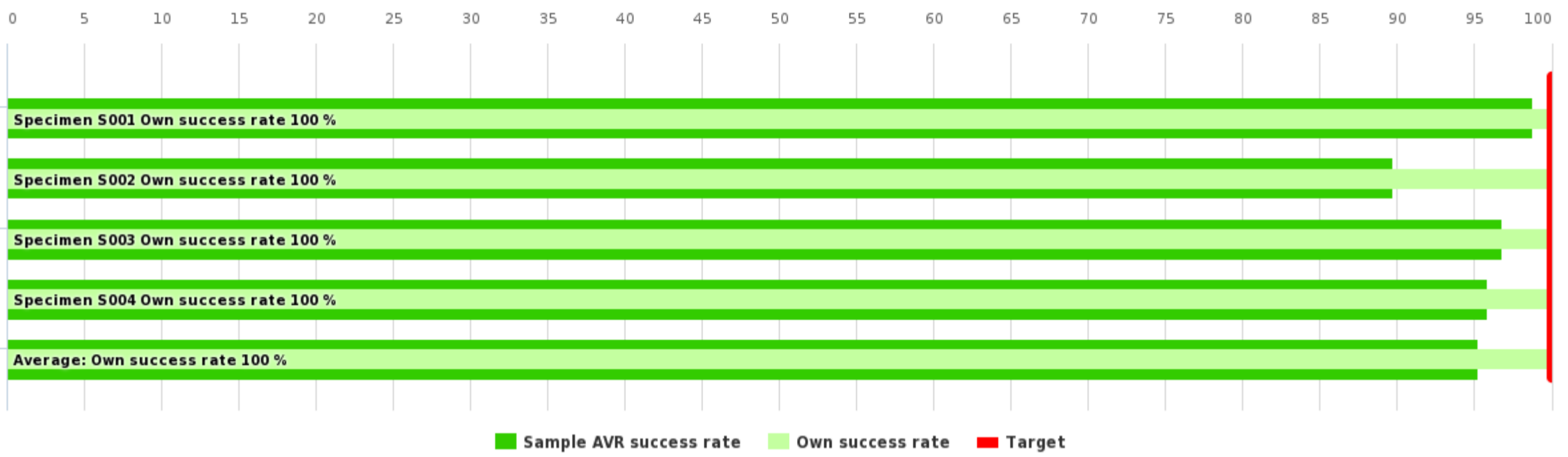


Client report

	No of participants	No of responded participants	Response percentage
Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023	121	117	96.7 %

Summary

Overall success rate by samples

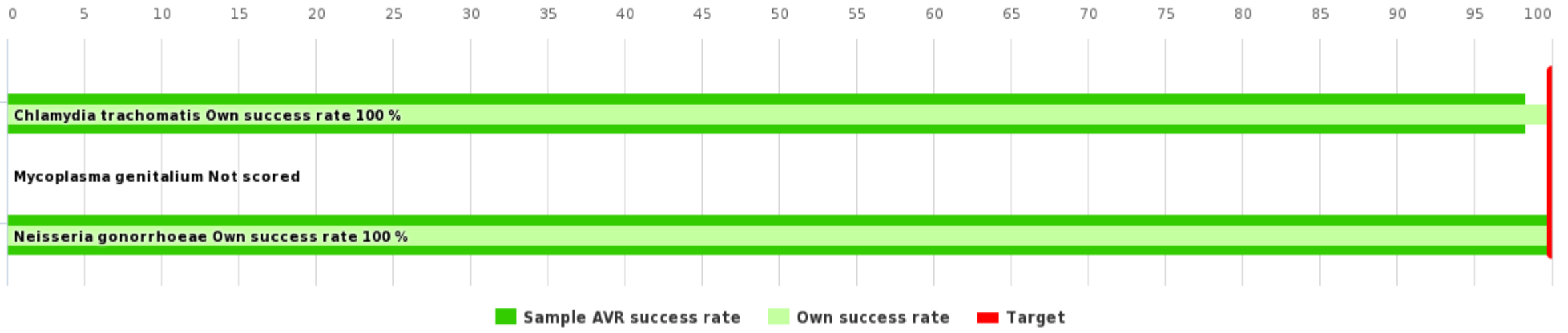


Summary	Own score	Max score	Own success rate	Difference	AVR success rate
Specimen S001	4	4	100 %	1.2 %	98.8 %
Specimen S002	2	2	100 %	10.3 %	89.7 %
Specimen S003	2	2	100 %	3.2 %	96.8 %
Specimen S004	4	4	100 %	4.1 %	95.9 %
Average:			100 %	4.7 %	95.3 %

History	Test nr.	Own success rate	Difference	AVR success rate
History not found				

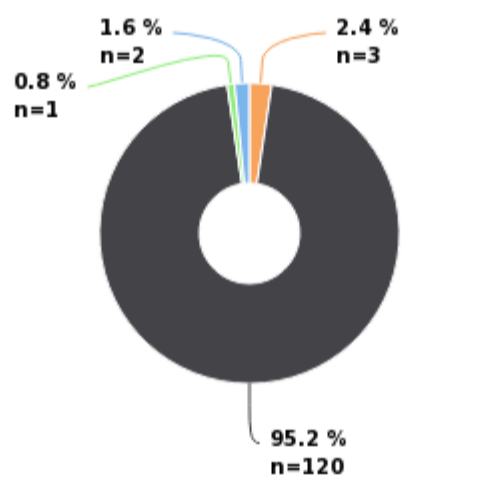
Specimen S001 | Chlamydia trachomatis, Neisseria gonorrhoeae

Specimen S001 success rate



Specimen S001 results	Responded	Own score	Max score	Own success rate	Difference	AVR success rate
	Number of pathogenic findings	-	-	-	-	-
	Chlamydia trachomatis	2	2	100 %	1.6 %	98.4 %
	Mycoplasma genitalium	-	-	-	-	0 %
	Mycoplasma hominis	-	-	-	-	-
	Neisseria gonorrhoeae	2	2	100 %	0 %	100 %
	Trichomonas vaginalis	-	-	-	-	-
	Ureaplasma parvum	-	-	-	-	-
	Ureaplasma urealyticum	-	-	-	-	-
	Further action	-	-	-	-	-
	Total:	4	4	100 %	1.2 %	98.8 %

Specimen S001 Number of pathogenic findings



- Orange: Negative sample, no pathogens detected
- Dark Grey: Positive sample, 2 pathogens detected
- Light Green: Positive sample, 3 pathogens detected
- Blue: Interpretation cannot be given

NUMBER OF PATHOGENIC FINDINGS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
Negative sample, no pathogens detected	3	-	-	-	-	-
<input checked="" type="radio"/> Positive sample, 2 pathogens detected	120	-	-	-	-	-
Positive sample, 3 pathogens detected	1	-	-	-	-	-
Interpretation cannot be given	2	-	-	-	-	-
Total:	126	-	-	-	-	-

CHLAMYDIA TRACHOMATIS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
Negative	2	-	-	-	-	0 %
<input checked="" type="radio"/> Positive	121	2	2	100 %	0 %	100 %
No test result	1	-	-	-	-	-
Not in test selection	2	-	-	-	-	-
Total:	126	2	2	100 %	1.6 %	98.4 %

Method	Negative	Positive	No test result	Not in test selection	Total:
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Abbott ALINITY m STI ASSAY	-	5	-	-	5
Abbott RealTime CT/NG	-	1	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	-	1	-	-	1
Anatolia Geneworks Bosphore C. trachomatis Kit Detection Kit v1	-	1	-	-	1
AusDiagnostics STI (16-WELL)	-	2	-	-	2
BD Max CT/GC/TV	-	5	-	-	5
Cepheid Xpert CT/NG	-	3	-	-	3
CerTest VIASURE Sexual health panel I	-	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	-	2	-	-	2
Clonit'nGo STD Top 7	-	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	-	10	-	-	10
Euroimmun EUROArray STI - 11	-	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	-	1	-	-	1
GeneProof Chlamydia trachomatis PCR Kit	-	3	-	-	3
Hologic Aptima Combo 2 CT/NG	-	8	1	-	9
In-house PCR	-	1	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	-	1	-	-	1
Roche cobas 4800 CT/NG	-	2	-	-	2
Roche cobas 5800/6800/8800 CT/NG	-	7	-	-	7
Sacace NG/CT/MG/TV Real-TM	-	1	-	-	1
Seegene Allplex STI Essential	2	61	-	-	63
Seegene Anyplex II STI-7 Detection	-	3	-	-	3
Total:	2	121	1	2	126

MYCOPLASMA GENITALIUM

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	114	-				-
Positive	1	-				0 %
Not in test selection	11	-				-
Total:	126	-	-	-	-	0 %

Method	Negative	Positive	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	1	-	2
Clonit'nGo STD Top 7	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	9	-	-	9
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	4	-	-	4
Hologic Aptima M. genitalium assay	5	-	-	5
In-house PCR	2	-	-	2
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	1
Roche cobas TV/MG	4	-	-	4
Sacace NG/CT/MG/TV Real-TM	2	-	-	2
Seegene Allplex STI Essential	63	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	3
Total:	114	1	11	126

MYCOPLASMA HOMINIS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	90	-				-
No test result	1	-				-
Not in test selection	35	-				-
Total:	126	-	-	-	-	

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2

BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	3	-	-	3
In-house PCR	1	1	-	2
InterLabService AmpliSens Mycoplasma hominis-FRT	1	-	-	1
Sacace NG/CT/MG/TV Real-TM	2	-	-	2
Seegene Allplex STI Essential	61	-	-	61
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	90	1	35	126

NEISSERIA GONORRHOEAE

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Positive	123	2	2	100 %	0 %	100 %
No test result	1	-	-	-	-	-
Not in test selection	2	-	-	-	-	-
Total:	126	2	2	100 %	0 %	100 %

Method	Positive	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	5
Abbott RealTime CT/NG	1	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max CT/GC/TV	5	-	-	5
Cepheid Xpert CT/NG	3	-	-	3
CerTest VIASURE Sexual health panel I	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	-	2
Clonit'nGo STD Top 7	1	-	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	10	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof Neisseria gonorrhoeae PCR Kit	2	-	-	2
Hologic Aptima Combo 2 CT/NG	8	1	-	9
In-house PCR	1	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	1
Roche cobas 4800 CT/NG	2	-	-	2
Roche cobas 5800/6800/8800 CT/NG	7	-	-	7
Sacace NG/CT/MG/TV Real-TM	2	-	-	2
Seegene Allplex STI Essential	63	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	3
Total:	123	1	2	126

TRICHOMONAS VAGINALIS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	116	-	-	-	-	-
Not in test selection	10	-	-	-	-	-
Total:	126	-	-	-	-	-

Method	Negative	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	1
AusDiagnostics STI (16-WELL)	2	-	2
BD Max CT/GC/TV	5	-	5
BD MAX Vaginal Panel	2	-	2
Cepheid Xpert TV	1	-	1
CerTest VIASURE Sexual health panel I	1	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	2

Clonit'nGo STD Top 7	1	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	1
ELITechGroup STI PLUS ELITE MGP Kit	10	-	10
Euroimmun EUROArray STI - 11	1	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	1
GeneProof Trichomonas vaginalis PCR Kit	1	-	1
Hologic Aptima T. vaginalis assay	7	-	7
In-house PCR	1	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	1
Roche cobas TV/MG	6	-	6
Sacace NG/CT/MG/TV Real-TM	1	-	1
Seegene Allplex STI Essential	63	-	63
Seegene Anyplex II STI-7 Detection	3	-	3
Total:	116	10	126

UREAPLASMA PARVUM

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	90	-	-	-	-	-
No test result	1	-	-	-	-	-
Not in test selection	35	-	-	-	-	-
Total:	126	-	-	-	-	-

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	<input checked="" type="radio"/> 1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	59	-	-	59
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	90	1	35	126

UREAPLASMA UREALYTICUM

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	92	-	-	-	-	-
No test result	1	-	-	-	-	-
Not in test selection	33	-	-	-	-	-
Total:	126	-	-	-	-	-

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	<input checked="" type="radio"/> 1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	61	-	-	61
Seegene Anyplex II STI-7 Detection	4	-	-	4

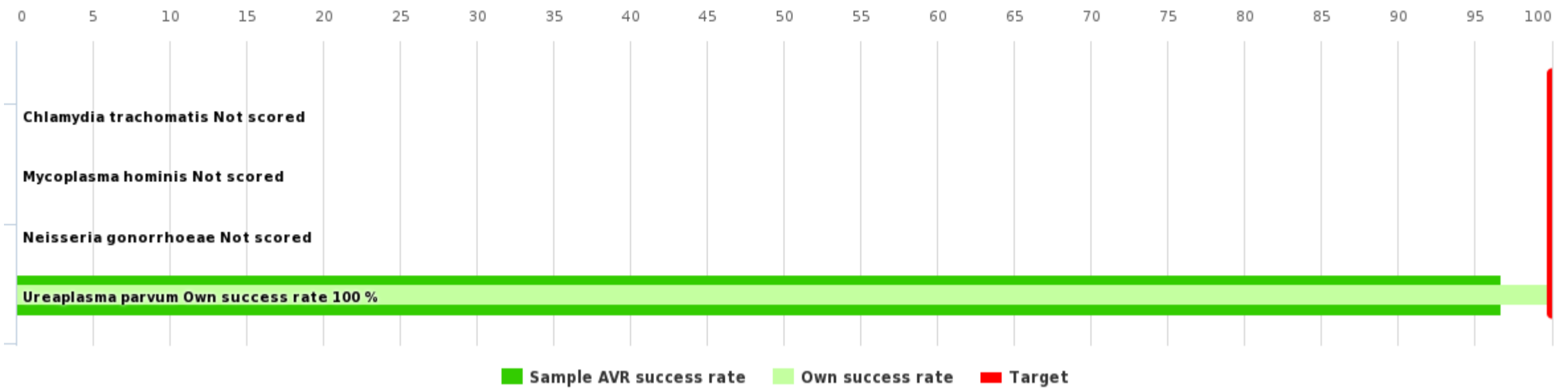
Total:	92	1	33	126
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FURTHER ACTION

Response	Response count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> C. trachomatis would be confirmed	14	-				-
<input checked="" type="radio"/> N. gonorrhoeae would be confirmed	27	-				-
Total:	41	-	-	-	-	

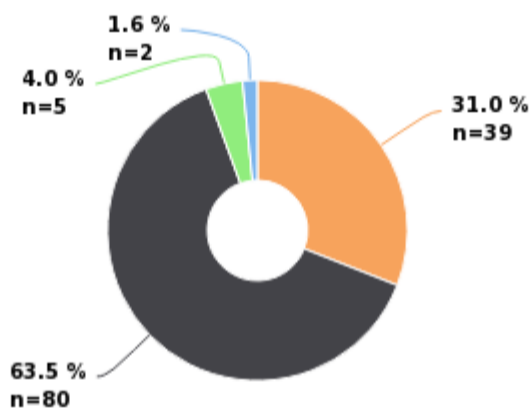
Specimen S002 | Ureaplasma parvum

Specimen S002 success rate



Specimen S002 results	Responded	Own score	Max score	Own success rate	Difference	AVR success rate
	Number of pathogenic findings	-	-	-	-	-
	Chlamydia trachomatis	-	-	-	-	0 %
	Mycoplasma genitalium	-	-	-	-	-
	Mycoplasma hominis	-	-	-	-	0 %
	Neisseria gonorrhoeae	-	-	-	-	0 %
	Trichomonas vaginalis	-	-	-	-	-
	Ureaplasma parvum	2	2	100 %	3.3 %	96.7 %
	Ureaplasma urealyticum	-	-	-	-	-
	Further action	-	-	-	-	-
	Total:	2	2	100 %	10.3 %	89.7 %

Specimen S002 Number of pathogenic findings



- Orange: Negative sample, no pathogens detected
- Dark Grey: Positive sample, 1 pathogen detected
- Light Green: Positive sample, 2 pathogens detected
- Blue: Interpretation cannot be given

NUMBER OF PATHOGENIC FINDINGS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
Negative sample, no pathogens detected	39	-	-	-	-	-
<input checked="" type="radio"/> Positive sample, 1 pathogen detected	80	-	-	-	-	-
Positive sample, 2 pathogens detected	5	-	-	-	-	-
Interpretation cannot be given	2	-	-	-	-	-
Total:	126	-	-	-	-	-

CHLAMYDIA TRACHOMATIS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	119	-	-	-	-	-
Weak positive	1	-	-	-	-	0 %
Positive	3	-	-	-	-	0 %
No test result	1	-	-	-	-	-
Not in test selection	2	-	-	-	-	-

Total:	126	-	-	-	-	0 %
Method	Negative	Weak positive	Positive	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	-	-	5
Abbott RealTime CT/NG	1	-	-	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	-	1
Anatolia Geneworks Bosphore C. trachomatis Kit Detection Kit v1	1	-	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	-	2
BD Max CT/GC/TV	5	-	-	-	-	5
Cepheid Xpert CT/NG	3	-	-	-	-	3
CerTest VIASURE Sexual health panel I	1	-	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	<input checked="" type="radio"/> 2	-	-	-	-	2
Clonit'nGo STD Top 7	1	-	-	-	-	1
ELITechGroup STI PLUS ELITE MGP Kit	9	-	1	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	-	1
GeneProof Chlamydia trachomatis PCR Kit	3	-	-	-	-	3
Hologic Aptima Combo 2 CT/NG	8	-	-	1	-	9
In-house PCR	1	-	-	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	-	-	1
Roche cobas 4800 CT/NG	2	-	-	-	-	2
Roche cobas 5800/6800/8800 CT/NG	7	-	-	-	-	7
Sacace NG/CT/MG/TV Real-TM	1	-	-	-	-	1
Seegene Allplex STI Essential	60	1	2	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	-	-	3
Total:	119	1	3	1	2	126

MYCOPLASMA GENITALIUM

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	114	-	-	-	-	-
Not in test selection	12	-	-	-	-	-
Total:	126	-	-	-	-	-

Method	Negative	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	1
AusDiagnostics STI (16-WELL)	2	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	8
CerTest VIASURE Sexual health panel I	1	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	<input checked="" type="radio"/> 2	-	2
Clonit'nGo STD Top 7	1	-	1
ELITechGroup STI PLUS ELITE MGP Kit	9	-	9
Euroimmun EUROArray STI - 11	1	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	4	-	4
Hologic Aptima M. genitalium assay	4	-	4
In-house PCR	2	-	2
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	1
Roche cobas TV/MG	4	-	4
Sacace NG/CT/MG/TV Real-TM	2	-	2
Seegene Allplex STI Essential	63	-	63
Seegene Anyplex II STI-7 Detection	3	-	3
Total:	114	12	126

MYCOPLASMA HOMINIS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	89	-	-	-	-	-
Positive	1	-	-	-	-	0 %
No test result	1	-	-	-	-	-
Not in test selection	35	-	-	-	-	-
Total:	126	-	-	-	-	0 %

Method	Negative	Positive	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	-	8
CerTest VIASURE Sexual health panel I	-	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	-	1
Clonit'nGo STD Top 7	1	-	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	1	-	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	3	-	-	-	3
In-house PCR	1	-	1	-	2
InterLabService AmpliSens Mycoplasma hominis-FRT	1	-	-	-	1
Sacace NG/CT/MG/TV Real-TM	2	-	-	-	2
Seegene Allplex STI Essential	61	-	-	-	61
Seegene Anyplex II STI-7 Detection	4	-	-	-	4
Total:	89	1	1	35	126

NEISSERIA GONORRHOEAE

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	121	-	-	-	-	-
Positive	2	-	-	-	-	0 %
No test result	1	-	-	-	-	-
Not in test selection	2	-	-	-	-	-
Total:	126	-	-	-	-	0 %

Method	Negative	Positive	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	4	1	-	-	5
Abbott RealTime CT/NG	1	-	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	2
BD Max CT/GC/TV	5	-	-	-	5
Cepheid Xpert CT/NG	3	-	-	-	3
CerTest VIASURE Sexual health panel I	1	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	-	-	2
Clonit'nGo STD Top 7	1	-	-	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	9	1	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	1
GeneProof Neisseria gonorrhoeae PCR Kit	2	-	-	-	2
Hologic Aptima Combo 2 CT/NG	8	-	1	-	9
In-house PCR	1	-	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	-	1
Roche cobas 4800 CT/NG	2	-	-	-	2
Roche cobas 5800/6800/8800 CT/NG	7	-	-	-	7
Sacace NG/CT/MG/TV Real-TM	2	-	-	-	2
Seegene Allplex STI Essential	63	-	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	-	3
Total:	121	2	1	2	126

TRICHOMONAS VAGINALIS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	116	-	-	-	-	-
Not in test selection	10	-	-	-	-	-
Total:	126	-	-	-	-	-

Method	Negative	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	1
AusDiagnostics STI (16-WELL)	2	-	2

BD Max CT/GC/TV	5	-	5
BD MAX Vaginal Panel	2	-	2
Cepheid Xpert TV	1	-	1
CerTest VIASURE Sexual health panel I	1	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	2
Clonit'nGo STD Top 7	1	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	1
ELITechGroup STI PLUS ELITe MGP Kit	10	-	10
Euroimmun EUROArray STI - 11	1	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	1
GeneProof Trichomonas vaginalis PCR Kit	1	-	1
Hologic Aptima T. vaginalis assay	7	-	7
In-house PCR	1	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	1
Roche cobas TV/MG	6	-	6
Sacace NG/CT/MG/TV Real-TM	1	-	1
Seegene Allplex STI Essential	63	-	63
Seegene Anyplex II STI-7 Detection	3	-	3
Total:	116	10	126

UREAPLASMA PARVUM

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
Negative	3	-				0 %
Weak positive	3	-				100 %
<input checked="" type="radio"/> Positive	84	2	2	100 %	0 %	100 %
No test result	1	-				-
Not in test selection	35	-				-
Total:	126	2	2	100 %	3.3 %	96.7 %

Method	Negative	Weak positive	Positive	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	-	-	1	-	-	1
AusDiagnostics STI (16-WELL)	-	-	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	-	2	6	-	-	8
CerTest VIASURE Sexual health panel I	-	-	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	-	-	1	-	-	1
Clonit'nGo STD Top 7	-	-	1	-	-	1
Euroimmun EUROArray STI - 11	-	-	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	-	-	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	-	-	1	-	-	1
GeneProof Ureaplasma PCR Kit	-	-	4	-	-	4
In-house PCR	1	-	1	1	-	3
InterLabService AmpliSns U. parvum/U.urealyticum-FRT	-	-	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	-	-	2	-	-	2
Seegene Allplex STI Essential	2	1	56	-	-	59
Seegene Anyplex II STI-7 Detection	-	-	4	-	-	4
Total:	3	3	84	1	35	126

UREAPLASMA UREALYTICUM

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	92	-				-
No test result	1	-				-
Not in test selection	33	-				-
Total:	126	-	-	-	-	-

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1

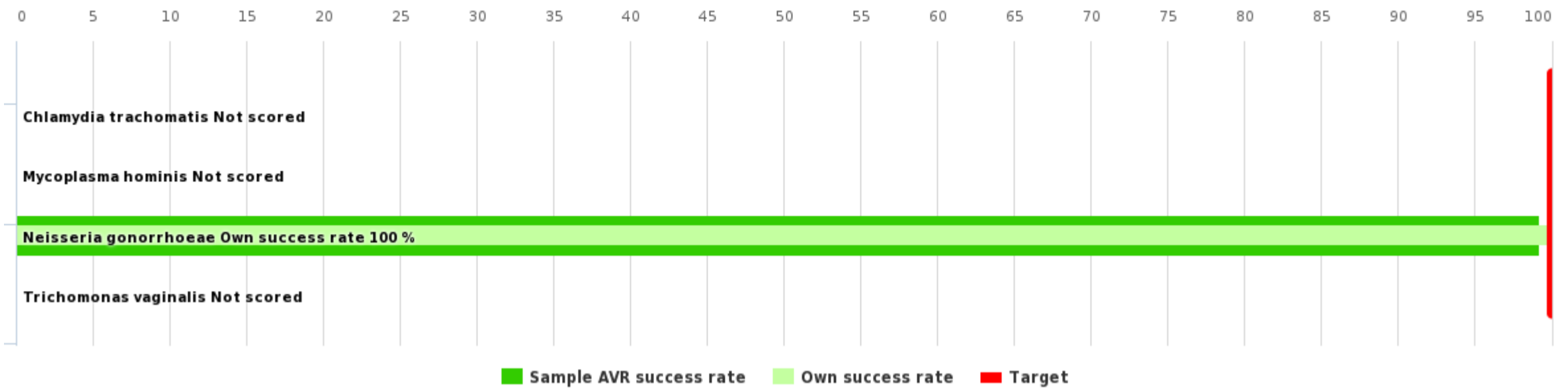
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	61	-	-	61
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	92	1	33	126

FURTHER ACTION

Response	Response count	Own score	Max score	Own success rate	Difference	AVR success rate
N. gonorrhoeae would be confirmed	1	-				-
<input checked="" type="radio"/> U. parvum would be confirmed	7	-				-
Total:	8	-	-	-	-	

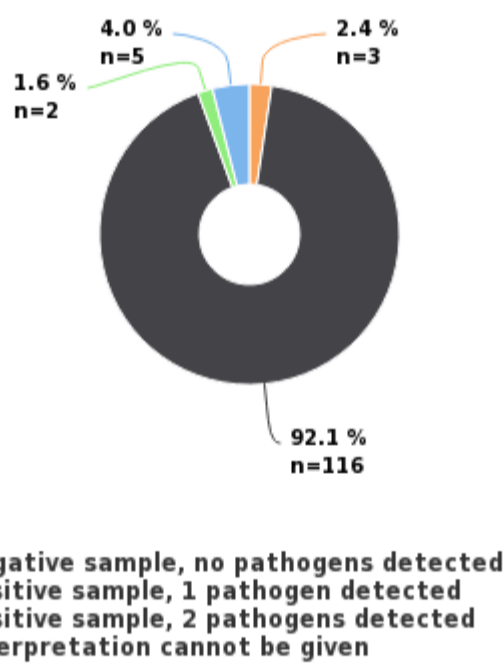
Specimen S003 | Neisseria gonorrhoeae

Specimen S003 success rate



Specimen S003 results	Responded	Own score	Max score	Own success rate	Difference	AVR success rate
	Number of pathogenic findings	-	-	-	-	-
	Chlamydia trachomatis	-	-	-	-	0 %
	Mycoplasma genitalium	-	-	-	-	-
	Mycoplasma hominis	-	-	-	-	0 %
	Neisseria gonorrhoeae	2	2	100 %	0.8 %	99.2 %
	Trichomonas vaginalis	-	-	-	-	0 %
	Ureaplasma parvum	-	-	-	-	-
	Ureaplasma urealyticum	-	-	-	-	-
	Further action	-	-	-	-	-
	Total:	2	2	100 %	3.2 %	96.8 %

Specimen S003 Number of pathogenic findings



NUMBER OF PATHOGENIC FINDINGS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
Negative sample, no pathogens detected	3	-	-	-	-	-
Positive sample, 1 pathogen detected	116	-	-	-	-	-
Positive sample, 2 pathogens detected	2	-	-	-	-	-
Interpretation cannot be given	5	-	-	-	-	-
Total:	126	-	-	-	-	-

CHLAMYDIA TRACHOMATIS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
Negative	120	-	-	-	-	-
Positive	1	-	-	-	-	0 %
Invalid/unclear test result	2	-	-	-	-	-
No test result	1	-	-	-	-	-
Not in test selection	2	-	-	-	-	-

Total:	126	-	-	-	-	0 %
Method	Negative	Positive	Invalid/unclear test result	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	-	-	5
Abbott RealTime CT/NG	1	-	-	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	-	1
Anatolia Geneworks Bosphore C. trachomatis Kit Detection Kit v1	1	-	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	-	2
BD Max CT/GC/TV	5	-	-	-	-	5
Cepheid Xpert CT/NG	1	-	2	-	-	3
CerTest VIASURE Sexual health panel I	1	-	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	<input checked="" type="radio"/> 2	-	-	-	-	2
Clonit'nGo STD Top 7	1	-	-	-	-	1
ELITechGroup STI PLUS ELITE MGP Kit	10	-	-	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	-	1
GeneProof Chlamydia trachomatis PCR Kit	3	-	-	-	-	3
Hologic Aptima Combo 2 CT/NG	8	-	-	1	-	9
In-house PCR	1	-	-	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	-	-	1
Roche cobas 4800 CT/NG	2	-	-	-	-	2
Roche cobas 5800/6800/8800 CT/NG	7	-	-	-	-	7
Sacace NG/CT/MG/TV Real-TM	1	-	-	-	-	1
Seegene Allplex STI Essential	63	-	-	-	-	63
Seegene Anyplex II STI-7 Detection	2	1	-	-	-	3
Total:	120	1	2	1	2	126

MYCOPLASMA GENITALIUM

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	114	-	-	-	-	-
Invalid/unclear test result	1	-	-	-	-	-
Not in test selection	11	-	-	-	-	-
Total:	126	-	-	-	-	-

Method	Negative	Invalid/unclear test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	<input checked="" type="radio"/> 2	-	-	2
Clonit'nGo STD Top 7	1	-	-	1
ELITechGroup STI PLUS ELITE MGP Kit	8	1	-	9
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	4	-	-	4
Hologic Aptima M. genitalium assay	5	-	-	5
In-house PCR	2	-	-	2
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	1
Roche cobas TV/MG	4	-	-	4
Sacace NG/CT/MG/TV Real-TM	2	-	-	2
Seegene Allplex STI Essential	63	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	3
Total:	114	1	11	126

MYCOPLASMA HOMINIS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	89	-	-	-	-	-
Positive	1	-	-	-	-	0 %
No test result	1	-	-	-	-	-

Not in test selection	35	-	-	-	-
Total:	126	-	-	-	0 %

Method	Negative	Positive	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	-	8
CerTest VIASURE Sexual health panel I	1	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	-	1
Clonit'nGo STD Top 7	1	-	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	1	-	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	3	-	-	-	3
In-house PCR	1	-	1	-	2
InterLabService AmpliSens Mycoplasma hominis-FRT	1	-	-	-	1
Sacace NG/CT/MG/TV Real-TM	2	-	-	-	2
Seegene Allplex STI Essential	61	-	-	-	61
Seegene Anyplex II STI-7 Detection	3	1	-	-	4
Total:	89	1	1	35	126

NEISSERIA GONORRHOEAE

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
Negative	1	-	-	-	-	0 %
Positive	121	2	2	100 %	0 %	100 %
Invalid/unclear test result	1	-	-	-	-	-
No test result	1	-	-	-	-	-
Not in test selection	2	-	-	-	-	-
Total:	126	2	2	100 %	0.8 %	99.2 %

Method	Negative	Positive	Invalid/unclear test result	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	-	5	-	-	-	5
Abbott RealTime CT/NG	-	1	-	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	-	1	-	-	-	1
AusDiagnostics STI (16-WELL)	-	2	-	-	-	2
BD Max CT/GC/TV	-	5	-	-	-	5
Cepheid Xpert CT/NG	-	2	1	-	-	3
CerTest VIASURE Sexual health panel I	-	1	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	-	2	-	-	-	2
Clonit'nGo STD Top 7	-	1	-	-	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	-	1	-	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	-	10	-	-	-	10
Euroimmun EUROArray STI - 11	-	1	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	-	1	-	-	-	1
GeneProof Neisseria gonorrhoeae PCR Kit	-	2	-	-	-	2
Hologic Aptima Combo 2 CT/NG	-	8	-	1	-	9
In-house PCR	-	1	-	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	-	1	-	-	-	1
Roche cobas 4800 CT/NG	-	2	-	-	-	2
Roche cobas 5800/6800/8800 CT/NG	-	7	-	-	-	7
Sacace NG/CT/MG/TV Real-TM	-	2	-	-	-	2
Seegene Allplex STI Essential	-	63	-	-	-	63
Seegene Anyplex II STI-7 Detection	1	2	-	-	-	3
Total:	1	121	1	1	2	126

TRICHOMONAS VAGINALIS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
Negative	114	-	-	-	-	-
Positive	1	-	-	-	-	0 %

Invalid/unclear test result	1	-				-
Not in test selection	10	-				-
Total:	126	-	-	-	-	0%

Method	Negative	Positive	Invalid/unclear test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	2
BD Max CT/GC/TV	5	-	-	-	5
BD MAX Vaginal Panel	2	-	-	-	2
Cepheid Xpert TV	-	-	1	-	1
CerTest VIASURE Sexual health panel I	1	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	-	-	2
Clonit'nGo STD Top 7	1	-	-	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	9	1	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	1
GeneProof Trichomonas vaginalis PCR Kit	1	-	-	-	1
Hologic Aptima T. vaginalis assay	7	-	-	-	7
In-house PCR	1	-	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	-	1
Roche cobas TV/MG	6	-	-	-	6
Sacace NG/CT/MG/TV Real-TM	1	-	-	-	1
Seegene Allplex STI Essential	63	-	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	-	3
Total:	114	1	1	10	126

UREAPLASMA PARVUM

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	90	-				-
No test result	1	-				-
Not in test selection	35	-				-
Total:	126	-	-	-	-	

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSns U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	59	-	-	59
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	90	1	35	126

UREAPLASMA UREALYTICUM

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	92	-				-
No test result	1	-				-
Not in test selection	33	-				-
Total:	126	-	-	-	-	

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1

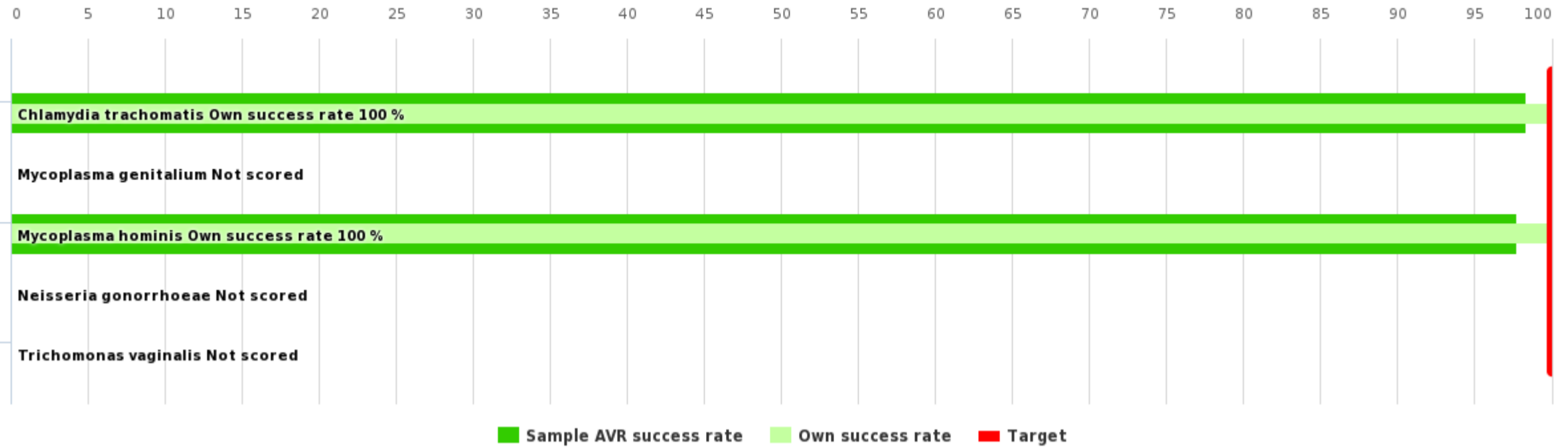
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	<input checked="" type="radio"/> 1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	61	-	-	61
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	92	1	33	126

FURTHER ACTION

Response	Response count	Own score	Max score	Own success rate	Difference	AVR success rate
C. trachomatis would be confirmed	1	-				-
<input checked="" type="radio"/> N. gonorrhoeae would be confirmed	27	-				-
Total:	28	-	-	-	-	

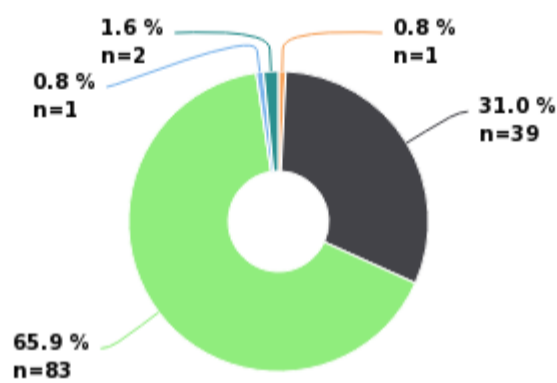
Specimen S004 | Chlamydia trachomatis, Mycoplasma hominis

Specimen S004 success rate



Specimen S004 results	Responded	Own score	Max score	Own success rate	Difference	AVR success rate
	Number of pathogenic findings	-	-	-	-	-
	Chlamydia trachomatis	2	2	100 %	1.6 %	98.4 %
	Mycoplasma genitalium	-	-	-	-	0 %
	Mycoplasma hominis	2	2	100 %	2.2 %	97.8 %
	Neisseria gonorrhoeae	-	-	-	-	0 %
	Trichomonas vaginalis	-	-	-	-	0 %
	Ureaplasma parvum	-	-	-	-	-
	Ureaplasma urealyticum	-	-	-	-	-
	Further action	-	-	-	-	-
	Total:	4	4	100 %	4.1 %	95.9 %

Specimen S004 Number of pathogenic findings



- Negative sample, no pathogens detected
- Positive sample, 1 pathogen detected
- Positive sample, 2 pathogens detected
- Positive sample, 3 pathogens detected
- Interpretation cannot be given

NUMBER OF PATHOGENIC FINDINGS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
Negative sample, no pathogens detected	1	-	-	-	-	-
Positive sample, 1 pathogen detected	39	-	-	-	-	-
<input checked="" type="radio"/> Positive sample, 2 pathogens detected	83	-	-	-	-	-
Positive sample, 3 pathogens detected	1	-	-	-	-	-
Interpretation cannot be given	2	-	-	-	-	-
Total:	126	-	-	-	-	-

CHLAMYDIA TRACHOMATIS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
Negative	2	-	-	-	-	0 %
<input checked="" type="radio"/> Positive	121	2	2	100 %	0 %	100 %

No test result	1	-				-
Not in test selection	2	-				-
Total:	126	2	2	100 %	1.6 %	98.4 %

Method	Negative	Positive	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	-	5	-	-	5
Abbott RealTime CT/NG	-	1	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	-	1	-	-	1
Anatolia Geneworks Bosphore C. trachomatis Kit Detection Kit v1	-	1	-	-	1
AusDiagnostics STI (16-WELL)	-	2	-	-	2
BD Max CT/GC/TV	-	5	-	-	5
Cepheid Xpert CT/NG	-	3	-	-	3
CerTest VIASURE Sexual health panel I	-	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	-	2	-	-	2
Clonit'nGo STD Top 7	-	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	-	10	-	-	10
Euroimmun EUROArray STI - 11	-	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	-	1	-	-	1
GeneProof Chlamydia trachomatis PCR Kit	-	3	-	-	3
Hologic Aptima Combo 2 CT/NG	-	8	1	-	9
In-house PCR	-	1	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	-	1	-	-	1
Roche cobas 4800 CT/NG	-	2	-	-	2
Roche cobas 5800/6800/8800 CT/NG	-	7	-	-	7
Sacace NG/CT/MG/TV Real-TM	-	1	-	-	1
Seegene Allplex STI Essential	1	62	-	-	63
Seegene Anyplex II STI-7 Detection	1	2	-	-	3
Total:	2	121	1	2	126

MYCOPLASMA GENITALIUM

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	113	-				-
Positive	1	-				0 %
Not in test selection	12	-				-
Total:	126	-	-	-	-	0 %

Method	Negative	Positive	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	1	-	2
Clonit'nGo STD Top 7	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	9	-	-	9
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	4	-	-	4
Hologic Aptima M. genitalium assay	4	-	-	4
In-house PCR	2	-	-	2
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	1
Roche cobas TV/MG	4	-	-	4
Sacace NG/CT/MG/TV Real-TM	2	-	-	2
Seegene Allplex STI Essential	63	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	3
Total:	113	1	12	126

MYCOPLASMA HOMINIS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
Negative	2	-				0 %
Weak positive	1	-				100 %
<input checked="" type="radio"/> Positive	87	2	2	100 %	0 %	100 %

No test result	1	-				-
Not in test selection	35	-				-
Total:	126	2	2	100 %	2.2 %	97.8 %

Method	Negative	Weak positive	Positive	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	-	-	1	-	-	1
AusDiagnostics STI (16-WELL)	-	-	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	-	-	8	-	-	8
CerTest VIASURE Sexual health panel I	-	-	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	-	-	1	-	-	1
Clonit'nGo STD Top 7	-	-	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	-	-	1	-	-	1
Euroimmun EUROArray STI - 11	-	-	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	-	-	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	-	-	1	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	-	-	3	-	-	3
In-house PCR	-	-	1	1	-	2
InterLabService AmpliSens Mycoplasma hominis-FRT	-	-	1	-	-	1
Sacace NG/CT/MG/TV Real-TM	-	-	2	-	-	2
Seegene Allplex STI Essential	1	1	59	-	-	61
Seegene Anyplex II STI-7 Detection	1	-	3	-	-	4
Total:	2	1	87	1	35	126

NEISSERIA GONORRHOEAE

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	120	-				-
Weak positive	2	-				0 %
Positive	1	-				0 %
No test result	1	-				-
Not in test selection	2	-				-
Total:	126	-	-	-	-	0 %

Method	Negative	Weak positive	Positive	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	4	1	-	-	-	5
Abbott RealTime CT/NG	1	-	-	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	-	2
BD Max CT/GC/TV	4	1	-	-	-	5
Cepheid Xpert CT/NG	3	-	-	-	-	3
CerTest VIASURE Sexual health panel I	1	-	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	-	-	-	2
Clonit'nGo STD Top 7	1	-	-	-	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	-	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	10	-	-	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	-	1
GeneProof Neisseria gonorrhoeae PCR Kit	2	-	-	-	-	2
Hologic Aptima Combo 2 CT/NG	8	-	-	1	-	9
In-house PCR	1	-	-	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	-	-	1
Roche cobas 4800 CT/NG	2	-	-	-	-	2
Roche cobas 5800/6800/8800 CT/NG	7	-	-	-	-	7
Sacace NG/CT/MG/TV Real-TM	2	-	-	-	-	2
Seegene Allplex STI Essential	63	-	-	-	-	63
Seegene Anyplex II STI-7 Detection	2	-	1	-	-	3
Total:	120	2	1	1	2	126

TRICHOMONAS VAGINALIS

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	115	-				-
Positive	1	-				0 %
Not in test selection	10	-				-
Total:	126	-	-	-	-	0 %

Method	Negative	Positive	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max CT/GC/TV	5	-	-	5
BD MAX Vaginal Panel	2	-	-	2
Cepheid Xpert TV	1	-	-	1
CerTest VIASURE Sexual health panel I	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	<input checked="" type="radio"/> 2	-	-	2
Clonit'nGo STD Top 7	1	-	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	-	1
ELITechGroup STI PLUS ELITE MGP Kit	10	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof Trichomonas vaginalis PCR Kit	1	-	-	1
Hologic Aptima T. vaginalis assay	7	-	-	7
In-house PCR	1	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	1
Roche cobas TV/MG	6	-	-	6
Sacace NG/CT/MG/TV Real-TM	1	-	-	1
Seegene Allplex STI Essential	62	1	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	3
Total:	115	1	10	126

UREAPLASMA PARVUM

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	90	-				-
No test result	1	-				-
Not in test selection	35	-				-
Total:	126	-	-	-	-	-

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	<input checked="" type="radio"/> 1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	59	-	-	59
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	90	1	35	126

UREAPLASMA UREALYTICUM

Interpretation	Interpretation count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> Negative	92	-				-
No test result	1	-				-
Not in test selection	33	-				-
Total:	126	-	-	-	-	-

Method	Negative	No test result	Not in test selection	Total:
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Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	<input checked="" type="radio"/> 1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	61	-	-	61
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	92	1	33	126

FURTHER ACTION

Response	Response count	Own score	Max score	Own success rate	Difference	AVR success rate
<input checked="" type="radio"/> C. trachomatis would be confirmed	13	-				-
<input checked="" type="radio"/> M. hominis would be confirmed	7	-				-
N. gonorrhoeae would be confirmed	2	-				-
Total:	22	-	-	-	-	

Report Info

PARTICIPANTS

Altogether 121 laboratories from 23 countries participated in this EQA round.

REPORT INFO

The reported results and the scores are presented in the same summary. Sample specific results are shown in the tables as counts. The expected results are indicated in the tables with green colour. The laboratory's own result is shown by a black radio button .

You can view the result distribution of each specimen and pathogen on screen one by one. The tables can be opened and closed by clicking the screen button at the right end of the row. The result tables of pathogens with a negative result expectation and for which no deviating results have been reported are by default closed for clarification of the report.

The participant's own success is shown both as scores and as success rates (%) generated from the score values. They are presented both in the summary and in the sample specific parts of the report. If you have no 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 participants are scored according to their test selection. 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.

In general, only the positive findings are scored for each specimen. It is expected that the pathogens indicated in the sample content are to be identified, whereas other deviating findings will reduce the overall success rate. For those specimens that are negative regarding all pathogens included in the panel of this scheme, the scoring is based on the answer given to the question "number of pathogenic findings" and the expected result would be "Negative sample, no pathogens detected". Answer "No test result" and "Invalid/unclear test result" will be excluded from the scoring.

The scoring range is 0-2 points and the following general rules are followed:

2/2 points is given to results that are correct/accepted regarding the expected result
1/2 point can be given to results that are partly correct/insufficient regarding the expected result
0/2 point is given to results that are incorrect/false regarding the expected result

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
Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023	121	117	96.7 %

Summary

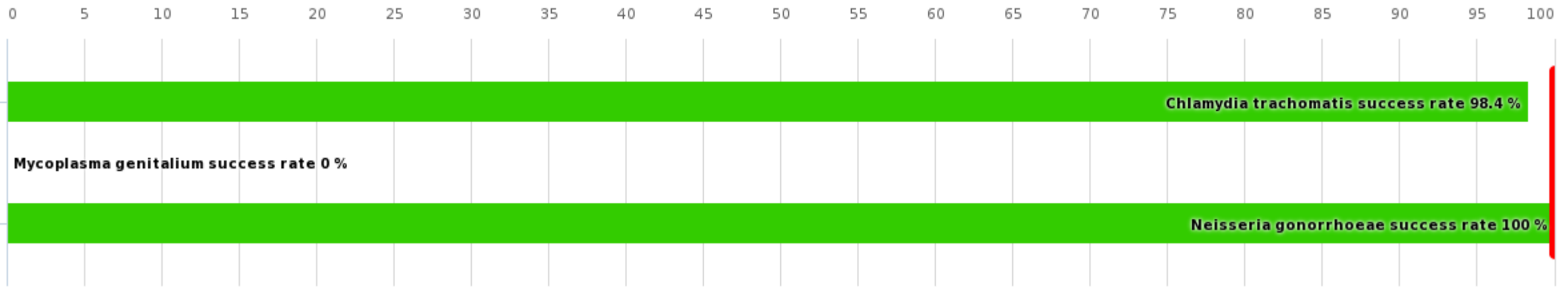
Overall success rate by samples



Summary	AVR success rate
Specimen S001	98.8 %
Specimen S002	89.7 %
Specimen S003	96.8 %
Specimen S004	95.9 %
Average:	95.3 %

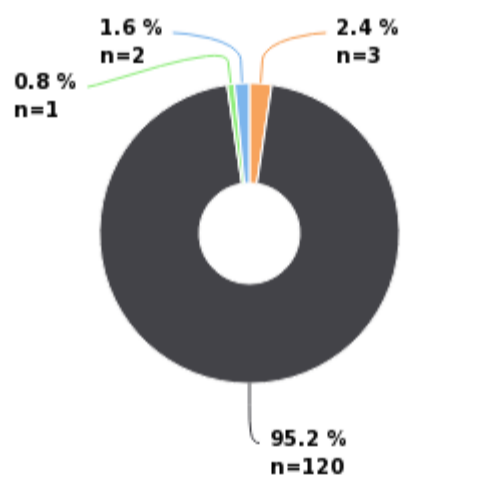
Specimen S001 | Chlamydia trachomatis, Neisseria gonorrhoeae

Specimen S001 success rate



Specimen S001 results	Responded	AVR success rate
	Number of pathogenic findings	-
	Chlamydia trachomatis	98.4 %
	Mycoplasma genitalium	0 %
	Mycoplasma hominis	-
	Neisseria gonorrhoeae	100 %
	Trichomonas vaginalis	-
	Ureaplasma parvum	-
	Ureaplasma urealyticum	-
	Further action	-
	Total:	98.8 %

Specimen S001 Number of pathogenic findings



- Negative sample, no pathogens detected
- Positive sample, 2 pathogens detected
- Positive sample, 3 pathogens detected
- Interpretation cannot be given

NUMBER OF PATHOGENIC FINDINGS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative sample, no pathogens detected	3	-	-
Positive sample, 2 pathogens detected	120	-	-
Positive sample, 3 pathogens detected	1	-	-
Interpretation cannot be given	2	-	-
Total:	126		

CHLAMYDIA TRACHOMATIS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	2	0 %	0
Positive	121	100 %	2
No test result	1	-	-
Not in test selection	2	-	-
Total:	126	98.4 %	

Method	Negative	Positive	No test result	Not in test selection	Total:

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

Abbott ALINITY m STI ASSAY	-	5	-	-	5
Abbott RealTime CT/NG	-	1	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	-	1	-	-	1
Anatolia Geneworks Bosphore C. trachomatis Kit Detection Kit v1	-	1	-	-	1
AusDiagnostics STI (16-WELL)	-	2	-	-	2
BD Max CT/GC/TV	-	5	-	-	5
Cepheid Xpert CT/NG	-	3	-	-	3
CerTest VIASURE Sexual health panel I	-	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	-	2	-	-	2
Clonit'nGo STD Top 7	-	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	-	10	-	-	10
Euroimmun EUROArray STI - 11	-	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	-	1	-	-	1
GeneProof Chlamydia trachomatis PCR Kit	-	3	-	-	3
Hologic Aptima Combo 2 CT/NG	-	8	1	-	9
In-house PCR	-	1	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	-	1	-	-	1
Roche cobas 4800 CT/NG	-	2	-	-	2
Roche cobas 5800/6800/8800 CT/NG	-	7	-	-	7
Sacace NG/CT/MG/TV Real-TM	-	1	-	-	1
Seegene Allplex STI Essential	2	61	-	-	63
Seegene Anyplex II STI-7 Detection	-	3	-	-	3
Total:	2	121	1	2	126

MYCOPLASMA GENITALIUM

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	114	-	-
Positive	1	0 %	0
Not in test selection	11	-	-
Total:	126	0 %	

Method	Negative	Positive	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	1	-	2
Clonit'nGo STD Top 7	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	9	-	-	9
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	4	-	-	4
Hologic Aptima M. genitalium assay	5	-	-	5
In-house PCR	2	-	-	2
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	1
Roche cobas TV/MG	4	-	-	4
Sacace NG/CT/MG/TV Real-TM	2	-	-	2
Seegene Allplex STI Essential	63	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	3
Total:	114	1	11	126

MYCOPLASMA HOMINIS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	90	-	-
No test result	1	-	-
Not in test selection	35	-	-
Total:	126		

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	3	-	-	3
In-house PCR	1	1	-	2
InterLabService AmpliSens Mycoplasma hominis-FRT	1	-	-	1
Sacace NG/CT/MG/TV Real-TM	2	-	-	2
Seegene Allplex STI Essential	61	-	-	61
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	90	1	35	126

NEISSERIA GONORRHOEAE

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Positive	123	100 %	2
No test result	1	-	-
Not in test selection	2	-	-
Total:	126	100 %	

Method	Positive	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	5
Abbott RealTime CT/NG	1	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max CT/GC/TV	5	-	-	5
Cepheid Xpert CT/NG	3	-	-	3
CerTest VIASURE Sexual health panel I	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	-	2
Clonit'nGo STD Top 7	1	-	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	10	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof Neisseria gonorrhoeae PCR Kit	2	-	-	2
Hologic Aptima Combo 2 CT/NG	8	1	-	9
In-house PCR	1	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	1
Roche cobas 4800 CT/NG	2	-	-	2
Roche cobas 5800/6800/8800 CT/NG	7	-	-	7
Sacace NG/CT/MG/TV Real-TM	2	-	-	2
Seegene Allplex STI Essential	63	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	3
Total:	123	1	2	126

TRICHOMONAS VAGINALIS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	116	-	-
Not in test selection	10	-	-
Total:	126		

Method	Negative	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	1
AusDiagnostics STI (16-WELL)	2	-	2
BD Max CT/GC/TV	5	-	5
BD MAX Vaginal Panel	2	-	2
Cepheid Xpert TV	1	-	1
CerTest VIASURE Sexual health panel I	1	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	2

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

Clonit'nGo STD Top 7	1	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	1
ELITechGroup STI PLUS ELITE MGP Kit	10	-	10
Euroimmun EUROArray STI - 11	1	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	1
GeneProof Trichomonas vaginalis PCR Kit	1	-	1
Hologic Aptima T. vaginalis assay	7	-	7
In-house PCR	1	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	1
Roche cobas TV/MG	6	-	6
Sacace NG/CT/MG/TV Real-TM	1	-	1
Seegene Allplex STI Essential	63	-	63
Seegene Anyplex II STI-7 Detection	3	-	3
Total:	116	10	126

UREAPLASMA PARVUM

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	90	-	-
No test result	1	-	-
Not in test selection	35	-	-
Total:	126		

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	59	-	-	59
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	90	1	35	126

UREAPLASMA UREALYTICUM

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	92	-	-
No test result	1	-	-
Not in test selection	33	-	-
Total:	126		

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	61	-	-	61
Seegene Anyplex II STI-7 Detection	4	-	-	4

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

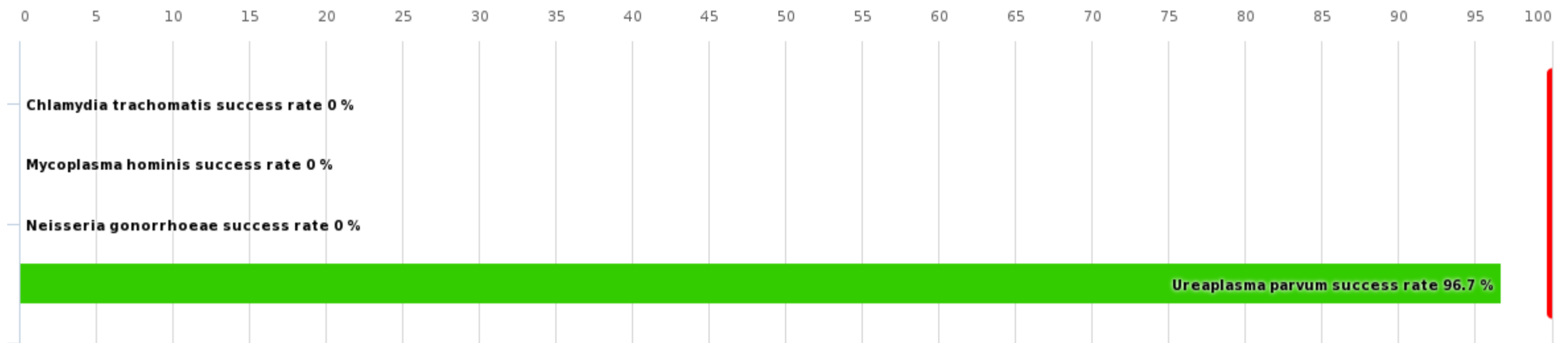
Total:	92	1	33	126
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FURTHER ACTION

Response	Response count	AVR success rate	Response Score
C. trachomatis would be confirmed	14	-	-
N. gonorrhoeae would be confirmed	27	-	-
Total:	41		

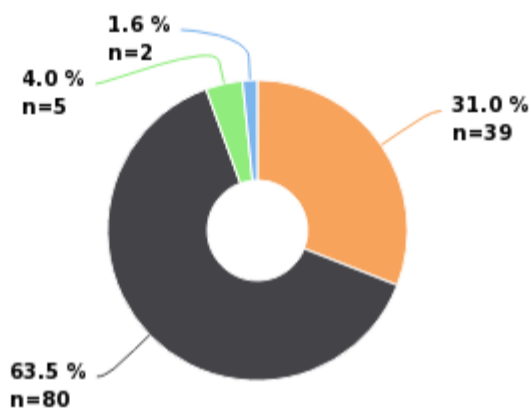
Specimen S002 | Ureaplasma parvum

Specimen S002 success rate



Specimen S002 results	Responded	AVR success rate
	Number of pathogenic findings	-
	Chlamydia trachomatis	0 %
	Mycoplasma genitalium	-
	Mycoplasma hominis	0 %
	Neisseria gonorrhoeae	0 %
	Trichomonas vaginalis	-
	Ureaplasma parvum	96.7 %
	Ureaplasma urealyticum	-
	Further action	-
	Total:	89.7 %

Specimen S002 Number of pathogenic findings



- Negative sample, no pathogens detected
- Positive sample, 1 pathogen detected
- Positive sample, 2 pathogens detected
- Interpretation cannot be given

NUMBER OF PATHOGENIC FINDINGS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative sample, no pathogens detected	39	-	-
Positive sample, 1 pathogen detected	80	-	-
Positive sample, 2 pathogens detected	5	-	-
Interpretation cannot be given	2	-	-
Total:	126		

CHLAMYDIA TRACHOMATIS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	119	-	-
Weak positive	1	0 %	0
Positive	3	0 %	0
No test result	1	-	-
Not in test selection	2	-	-

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

Method	Negative	Weak positive	Positive	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	-	-	5
Abbott RealTime CT/NG	1	-	-	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	-	1
Anatolia Geneworks Bosphore C. trachomatis Kit Detection Kit v1	1	-	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	-	2
BD Max CT/GC/TV	5	-	-	-	-	5
Cepheid Xpert CT/NG	3	-	-	-	-	3
CerTest VIASURE Sexual health panel I	1	-	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	-	-	-	2
Clonit'nGo STD Top 7	1	-	-	-	-	1
ELITechGroup STI PLUS ELITE MGP Kit	9	-	1	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	-	1
GeneProof Chlamydia trachomatis PCR Kit	3	-	-	-	-	3
Hologic Aptima Combo 2 CT/NG	8	-	-	1	-	9
In-house PCR	1	-	-	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	-	-	1
Roche cobas 4800 CT/NG	2	-	-	-	-	2
Roche cobas 5800/6800/8800 CT/NG	7	-	-	-	-	7
Sacace NG/CT/MG/TV Real-TM	1	-	-	-	-	1
Seegene Allplex STI Essential	60	1	2	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	-	-	3
Total:	119	1	3	1	2	126

MYCOPLASMA GENITALIUM

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	114	-	-
Not in test selection	12	-	-
Total:	126		

Method	Negative	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	1
AusDiagnostics STI (16-WELL)	2	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	8
CerTest VIASURE Sexual health panel I	1	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	2
Clonit'nGo STD Top 7	1	-	1
ELITechGroup STI PLUS ELITE MGP Kit	9	-	9
Euroimmun EUROArray STI - 11	1	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	4	-	4
Hologic Aptima M. genitalium assay	4	-	4
In-house PCR	2	-	2
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	1
Roche cobas TV/MG	4	-	4
Sacace NG/CT/MG/TV Real-TM	2	-	2
Seegene Allplex STI Essential	63	-	63
Seegene Anyplex II STI-7 Detection	3	-	3
Total:	114	12	126

MYCOPLASMA HOMINIS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	89	-	-
Positive	1	0 %	0
No test result	1	-	-
Not in test selection	35	-	-
Total:	126	0 %	

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

Method	Negative	Positive	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	-	8
CerTest VIASURE Sexual health panel I	-	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	-	1
Clonit'nGo STD Top 7	1	-	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	1	-	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	3	-	-	-	3
In-house PCR	1	-	1	-	2
InterLabService AmpliSens Mycoplasma hominis-FRT	1	-	-	-	1
Sacace NG/CT/MG/TV Real-TM	2	-	-	-	2
Seegene Allplex STI Essential	61	-	-	-	61
Seegene Anyplex II STI-7 Detection	4	-	-	-	4
Total:	89	1	1	35	126

NEISSERIA GONORRHOEAE

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	121	-	-
Positive	2	0 %	0
No test result	1	-	-
Not in test selection	2	-	-
Total:	126	0 %	

Method	Negative	Positive	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	4	1	-	-	5
Abbott RealTime CT/NG	1	-	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	2
BD Max CT/GC/TV	5	-	-	-	5
Cepheid Xpert CT/NG	3	-	-	-	3
CerTest VIASURE Sexual health panel I	1	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	-	-	2
Clonit'nGo STD Top 7	1	-	-	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	9	1	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	1
GeneProof Neisseria gonorrhoeae PCR Kit	2	-	-	-	2
Hologic Aptima Combo 2 CT/NG	8	-	1	-	9
In-house PCR	1	-	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	-	1
Roche cobas 4800 CT/NG	2	-	-	-	2
Roche cobas 5800/6800/8800 CT/NG	7	-	-	-	7
Sacace NG/CT/MG/TV Real-TM	2	-	-	-	2
Seegene Allplex STI Essential	63	-	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	-	3
Total:	121	2	1	2	126

TRICHOMONAS VAGINALIS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	116	-	-
Not in test selection	10	-	-
Total:	126		

Method	Negative	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	1
AusDiagnostics STI (16-WELL)	2	-	2

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

BD Max CT/GC/TV	5	-	5
BD MAX Vaginal Panel	2	-	2
Cepheid Xpert TV	1	-	1
CerTest VIASURE Sexual health panel I	1	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	2
Clonit'nGo STD Top 7	1	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	1
ELITechGroup STI PLUS ELITE MGP Kit	10	-	10
Euroimmun EUROArray STI - 11	1	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	1
GeneProof Trichomonas vaginalis PCR Kit	1	-	1
Hologic Aptima T. vaginalis assay	7	-	7
In-house PCR	1	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	1
Roche cobas TV/MG	6	-	6
Sacace NG/CT/MG/TV Real-TM	1	-	1
Seegene Allplex STI Essential	63	-	63
Seegene Anyplex II STI-7 Detection	3	-	3
Total:	116	10	126

UREAPLASMA PARVUM

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	3	0 %	0
Weak positive	3	100 %	2
Positive	84	100 %	2
No test result	1	-	-
Not in test selection	35	-	-
Total:	126	96.7 %	

Method	Negative	Weak positive	Positive	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	-	-	1	-	-	1
AusDiagnostics STI (16-WELL)	-	-	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	-	2	6	-	-	8
CerTest VIASURE Sexual health panel I	-	-	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	-	-	1	-	-	1
Clonit'nGo STD Top 7	-	-	1	-	-	1
Euroimmun EUROArray STI - 11	-	-	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	-	-	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	-	-	1	-	-	1
GeneProof Ureaplasma PCR Kit	-	-	4	-	-	4
In-house PCR	1	-	1	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	-	-	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	-	-	2	-	-	2
Seegene Allplex STI Essential	2	1	56	-	-	59
Seegene Anyplex II STI-7 Detection	-	-	4	-	-	4
Total:	3	3	84	1	35	126

UREAPLASMA UREALYTICUM

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	92	-	-
No test result	1	-	-
Not in test selection	33	-	-
Total:	126		

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

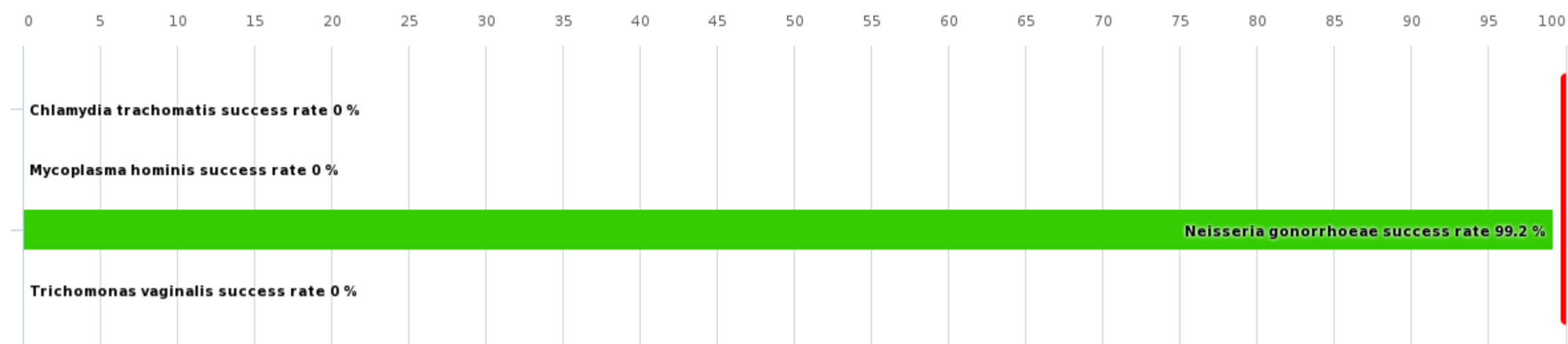
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	61	-	-	61
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	92	1	33	126

FURTHER ACTION

Response	Response count	AVR success rate	Response Score
N. gonorrhoeae would be confirmed	1	-	-
U. parvum would be confirmed	7	-	-
Total:	8		

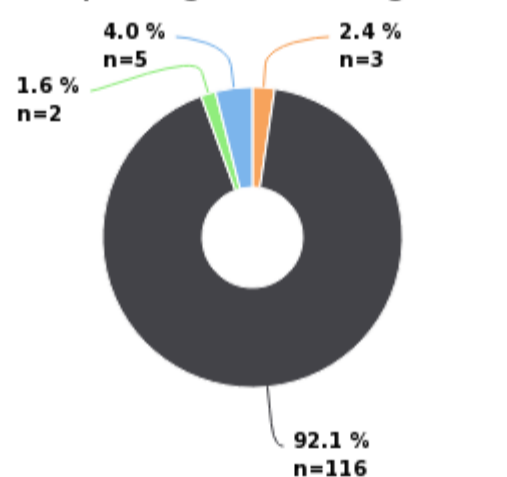
Specimen S003 | Neisseria gonorrhoeae

Specimen S003 success rate



Specimen S003 results	Responded	AVR success rate
	Number of pathogenic findings	-
	Chlamydia trachomatis	0%
	Mycoplasma genitalium	-
	Mycoplasma hominis	0%
	Neisseria gonorrhoeae	99.2%
	Trichomonas vaginalis	0%
	Ureaplasma parvum	-
	Ureaplasma urealyticum	-
	Further action	-
	Total:	96.8%

Specimen S003 Number of pathogenic findings



- Negative sample, no pathogens detected
- Positive sample, 1 pathogen detected
- Positive sample, 2 pathogens detected
- Interpretation cannot be given

NUMBER OF PATHOGENIC FINDINGS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative sample, no pathogens detected	3	-	-
Positive sample, 1 pathogen detected	116	-	-
Positive sample, 2 pathogens detected	2	-	-
Interpretation cannot be given	5	-	-
Total:	126		

CHLAMYDIA TRACHOMATIS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	120	-	-
Positive	1	0%	0
Invalid/unclear test result	2	-	-
No test result	1	-	-
Not in test selection	2	-	-

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

Method	Negative	Positive	Invalid/unclear test result	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	-	-	5
Abbott RealTime CT/NG	1	-	-	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	-	1
Anatolia Geneworks Bosphore C. trachomatis Kit Detection Kit v1	1	-	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	-	2
BD Max CT/GC/TV	5	-	-	-	-	5
Cepheid Xpert CT/NG	1	-	2	-	-	3
CerTest VIASURE Sexual health panel I	1	-	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	-	-	-	2
Clonit'nGo STD Top 7	1	-	-	-	-	1
ELITechGroup STI PLUS ELITE MGP Kit	10	-	-	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	-	1
GeneProof Chlamydia trachomatis PCR Kit	3	-	-	-	-	3
Hologic Aptima Combo 2 CT/NG	8	-	-	1	-	9
In-house PCR	1	-	-	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	-	-	1
Roche cobas 4800 CT/NG	2	-	-	-	-	2
Roche cobas 5800/6800/8800 CT/NG	7	-	-	-	-	7
Sacace NG/CT/MG/TV Real-TM	1	-	-	-	-	1
Seegene Allplex STI Essential	63	-	-	-	-	63
Seegene Anyplex II STI-7 Detection	2	1	-	-	-	3
Total:	120	1	2	1	2	126

MYCOPLASMA GENITALIUM

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	114	-	-
Invalid/unclear test result	1	-	-
Not in test selection	11	-	-
Total:	126		

Method	Negative	Invalid/unclear test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	-	2
Clonit'nGo STD Top 7	1	-	-	1
ELITechGroup STI PLUS ELITE MGP Kit	8	1	-	9
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	4	-	-	4
Hologic Aptima M. genitalium assay	5	-	-	5
In-house PCR	2	-	-	2
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	1
Roche cobas TV/MG	4	-	-	4
Sacace NG/CT/MG/TV Real-TM	2	-	-	2
Seegene Allplex STI Essential	63	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	3
Total:	114	1	11	126

MYCOPLASMA HOMINIS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	89	-	-
Positive	1	0 %	0
No test result	1	-	-

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

Not in test selection	35	-	-
Total:	126	0 %	

Method	Negative	Positive	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	-	8
CerTest VIASURE Sexual health panel I	1	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	-	1
Clonit'nGo STD Top 7	1	-	-	-	1
ELITechGroup STI PLUS ELITE MGP Kit	1	-	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	3	-	-	-	3
In-house PCR	1	-	1	-	2
InterLabService AmpliSens Mycoplasma hominis-FRT	1	-	-	-	1
Sacace NG/CT/MG/TV Real-TM	2	-	-	-	2
Seegene Allplex STI Essential	61	-	-	-	61
Seegene Anyplex II STI-7 Detection	3	1	-	-	4
Total:	89	1	1	35	126

NEISSERIA GONORRHOEAE

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	1	0 %	0
Positive	121	100 %	2
Invalid/unclear test result	1	-	-
No test result	1	-	-
Not in test selection	2	-	-
Total:	126	99.2 %	

Method	Negative	Positive	Invalid/unclear test result	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	-	5	-	-	-	5
Abbott RealTime CT/NG	-	1	-	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	-	1	-	-	-	1
AusDiagnostics STI (16-WELL)	-	2	-	-	-	2
BD Max CT/GC/TV	-	5	-	-	-	5
Cepheid Xpert CT/NG	-	2	1	-	-	3
CerTest VIASURE Sexual health panel I	-	1	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	-	2	-	-	-	2
Clonit'nGo STD Top 7	-	1	-	-	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	-	1	-	-	-	1
ELITechGroup STI PLUS ELITE MGP Kit	-	10	-	-	-	10
Euroimmun EUROArray STI - 11	-	1	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	-	1	-	-	-	1
GeneProof Neisseria gonorrhoeae PCR Kit	-	2	-	-	-	2
Hologic Aptima Combo 2 CT/NG	-	8	-	1	-	9
In-house PCR	-	1	-	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	-	1	-	-	-	1
Roche cobas 4800 CT/NG	-	2	-	-	-	2
Roche cobas 5800/6800/8800 CT/NG	-	7	-	-	-	7
Sacace NG/CT/MG/TV Real-TM	-	2	-	-	-	2
Seegene Allplex STI Essential	-	63	-	-	-	63
Seegene Anyplex II STI-7 Detection	1	2	-	-	-	3
Total:	1	121	1	1	2	126

TRICHOMONAS VAGINALIS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	114	-	-
Positive	1	0 %	0

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

Invalid/unclear test result	1	-	-
Not in test selection	10	-	-
Total:	126	0 %	

Method	Negative	Positive	Invalid/unclear test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	2
BD Max CT/GC/TV	5	-	-	-	5
BD MAX Vaginal Panel	2	-	-	-	2
Cepheid Xpert TV	-	-	1	-	1
CerTest VIASURE Sexual health panel I	1	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	-	-	2
Clonit'nGo STD Top 7	1	-	-	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	9	1	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	1
GeneProof Trichomonas vaginalis PCR Kit	1	-	-	-	1
Hologic Aptima T. vaginalis assay	7	-	-	-	7
In-house PCR	1	-	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	-	1
Roche cobas TV/MG	6	-	-	-	6
Sacace NG/CT/MG/TV Real-TM	1	-	-	-	1
Seegene Allplex STI Essential	63	-	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	-	3
Total:	114	1	1	10	126

UREAPLASMA PARVUM

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	90	-	-
No test result	1	-	-
Not in test selection	35	-	-
Total:	126		

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U. urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	59	-	-	59
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	90	1	35	126

UREAPLASMA UREALYTICUM

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	92	-	-
No test result	1	-	-
Not in test selection	33	-	-
Total:	126		

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

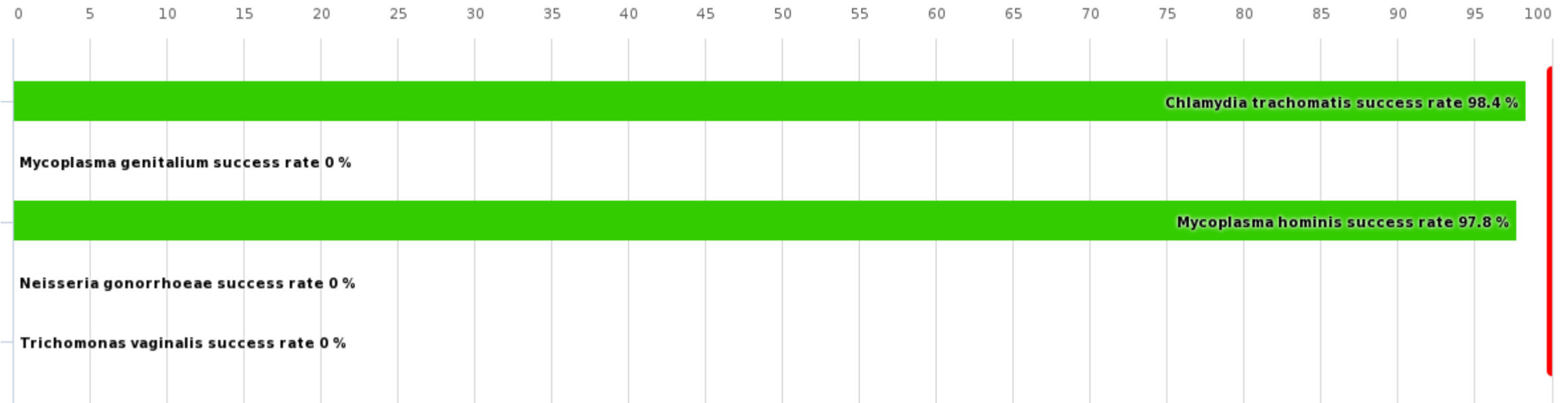
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	61	-	-	61
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	92	1	33	126

FURTHER ACTION

Response	Response count	AVR success rate	Response Score
C. trachomatis would be confirmed	1	-	-
N. gonorrhoeae would be confirmed	27	-	-
Total:	28		

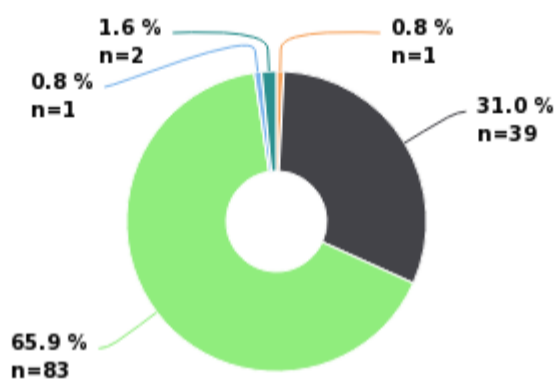
Specimen S004 | Chlamydia trachomatis, Mycoplasma hominis

Specimen S004 success rate



Specimen S004 results	Responded	AVR success rate
	Number of pathogenic findings	-
	Chlamydia trachomatis	98.4 %
	Mycoplasma genitalium	0 %
	Mycoplasma hominis	97.8 %
	Neisseria gonorrhoeae	0 %
	Trichomonas vaginalis	0 %
	Ureaplasma parvum	-
	Ureaplasma urealyticum	-
	Further action	-
	Total:	95.9 %

Specimen S004 Number of pathogenic findings



- Negative sample, no pathogens detected
- Positive sample, 1 pathogen detected
- Positive sample, 2 pathogens detected
- Positive sample, 3 pathogens detected
- Interpretation cannot be given

NUMBER OF PATHOGENIC FINDINGS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative sample, no pathogens detected	1	-	-
Positive sample, 1 pathogen detected	39	-	-
Positive sample, 2 pathogens detected	83	-	-
Positive sample, 3 pathogens detected	1	-	-
Interpretation cannot be given	2	-	-
Total:	126		

CHLAMYDIA TRACHOMATIS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	2	0 %	0
Positive	121	100 %	2

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

No test result	1	-	-
Not in test selection	2	-	-
Total:	126	98.4 %	

Method	Negative	Positive	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	-	5	-	-	5
Abbott RealTime CT/NG	-	1	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	-	1	-	-	1
Anatolia Geneworks Bosphore C. trachomatis Kit Detection Kit v1	-	1	-	-	1
AusDiagnostics STI (16-WELL)	-	2	-	-	2
BD Max CT/GC/TV	-	5	-	-	5
Cepheid Xpert CT/NG	-	3	-	-	3
CerTest VIASURE Sexual health panel I	-	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	-	2	-	-	2
Clonit'nGo STD Top 7	-	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	-	10	-	-	10
Euroimmun EUROArray STI - 11	-	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	-	1	-	-	1
GeneProof Chlamydia trachomatis PCR Kit	-	3	-	-	3
Hologic Aptima Combo 2 CT/NG	-	8	1	-	9
In-house PCR	-	1	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	-	1	-	-	1
Roche cobas 4800 CT/NG	-	2	-	-	2
Roche cobas 5800/6800/8800 CT/NG	-	7	-	-	7
Sacace NG/CT/MG/TV Real-TM	-	1	-	-	1
Seegene Allplex STI Essential	1	62	-	-	63
Seegene Anyplex II STI-7 Detection	1	2	-	-	3
Total:	2	121	1	2	126

MYCOPLASMA GENITALIUM

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	113	-	-
Positive	1	0 %	0
Not in test selection	12	-	-
Total:	126	0 %	

Method	Negative	Positive	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	1	-	2
Clonit'nGo STD Top 7	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	9	-	-	9
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	4	-	-	4
Hologic Aptima M. genitalium assay	4	-	-	4
In-house PCR	2	-	-	2
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	1
Roche cobas TV/MG	4	-	-	4
Sacace NG/CT/MG/TV Real-TM	2	-	-	2
Seegene Allplex STI Essential	63	-	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	3
Total:	113	1	12	126

MYCOPLASMA HOMINIS

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	2	0 %	0
Weak positive	1	100 %	2
Positive	87	100 %	2

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

No test result	1	-	-
Not in test selection	35	-	-
Total:	126	97.8 %	

Method	Negative	Weak positive	Positive	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	-	-	1	-	-	1
AusDiagnostics STI (16-WELL)	-	-	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	-	-	8	-	-	8
CerTest VIASURE Sexual health panel I	-	-	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	-	-	1	-	-	1
Clonit'nGo STD Top 7	-	-	1	-	-	1
ELITechGroup STI PLUS ELITE MGP Kit	-	-	1	-	-	1
Euroimmun EUROArray STI - 11	-	-	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	-	-	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	-	-	1	-	-	1
GeneProof Mycoplasma genitalium/hominis PCR Kit	-	-	3	-	-	3
In-house PCR	-	-	1	1	-	2
InterLabService AmpliSens Mycoplasma hominis-FRT	-	-	1	-	-	1
Sacace NG/CT/MG/TV Real-TM	-	-	2	-	-	2
Seegene Allplex STI Essential	1	1	59	-	-	61
Seegene Anyplex II STI-7 Detection	1	-	3	-	-	4
Total:	2	1	87	1	35	126

NEISSERIA GONORRHOEAE

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	120	-	-
Weak positive	2	0 %	0
Positive	1	0 %	0
No test result	1	-	-
Not in test selection	2	-	-
Total:	126	0 %	

Method	Negative	Weak positive	Positive	No test result	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	4	1	-	-	-	5
Abbott RealTime CT/NG	1	-	-	-	-	1
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	-	-	2
BD Max CT/GC/TV	4	1	-	-	-	5
Cepheid Xpert CT/NG	3	-	-	-	-	3
CerTest VIASURE Sexual health panel I	1	-	-	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	-	-	-	2
Clonit'nGo STD Top 7	1	-	-	-	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	-	-	-	1
ELITechGroup STI PLUS ELITE MGP Kit	10	-	-	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	-	-	1
GeneProof Neisseria gonorrhoeae PCR Kit	2	-	-	-	-	2
Hologic Aptima Combo 2 CT/NG	8	-	-	1	-	9
In-house PCR	1	-	-	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	-	-	1
Roche cobas 4800 CT/NG	2	-	-	-	-	2
Roche cobas 5800/6800/8800 CT/NG	7	-	-	-	-	7
Sacace NG/CT/MG/TV Real-TM	2	-	-	-	-	2
Seegene Allplex STI Essential	63	-	-	-	-	63
Seegene Anyplex II STI-7 Detection	2	-	1	-	-	3
Total:	120	2	1	1	2	126

TRICHOMONAS VAGINALIS

LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	115	-	-
Positive	1	0 %	0
Not in test selection	10	-	-
Total:	126	0 %	

Method	Negative	Positive	Not in test selection	Total:
Abbott ALINITY m STI ASSAY	5	-	-	5
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max CT/GC/TV	5	-	-	5
BD MAX Vaginal Panel	2	-	-	2
Cepheid Xpert TV	1	-	-	1
CerTest VIASURE Sexual health panel I	1	-	-	1
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	2	-	-	2
Clonit'nGo STD Top 7	1	-	-	1
DNA-Technology Androflor Screen REAL-TIME PCR Detection Kit	1	-	-	1
ELITechGroup STI PLUS ELITe MGP Kit	10	-	-	10
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof Trichomonas vaginalis PCR Kit	1	-	-	1
Hologic Aptima T. vaginalis assay	7	-	-	7
In-house PCR	1	-	-	1
InterLabService AmpliSns NG/CT/MG/TV-MULTIPRIME-FRT	1	-	-	1
Roche cobas TV/MG	6	-	-	6
Sacace NG/CT/MG/TV Real-TM	1	-	-	1
Seegene Allplex STI Essential	62	1	-	63
Seegene Anyplex II STI-7 Detection	3	-	-	3
Total:	115	1	10	126

UREAPLASMA PARVUM

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	90	-	-
No test result	1	-	-
Not in test selection	35	-	-
Total:	126		

Method	Negative	No test result	Not in test selection	Total:
Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	59	-	-	59
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	90	1	35	126

UREAPLASMA UREALYTICUM

Interpretation	Interpretation count	AVR success rate	Interpretation Score
Negative	92	-	-
No test result	1	-	-
Not in test selection	33	-	-
Total:	126		

Method	Negative	No test result	Not in test selection	Total:
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LABQUALITY Sexually transmitted diseases multiplex, nucleic acid detection, March, 1-2023

Anatolia Geneworks Bosphore STDs Panel Bundle Kit v3	1	-	-	1
AusDiagnostics STI (16-WELL)	2	-	-	2
BD Max BioGX Mycoplasma-Ureaplasma panel	8	-	-	8
CerTest VIASURE Sexual health panel I	2	-	-	2
CerTest VIASURE Sexually Transmitted Diseases Real Time PCR Detection Kit	1	-	-	1
Clonit'nGo STD Top 7	1	-	-	1
Euroimmun EUROArray STI - 11	1	-	-	1
Fast-track Diagnostics FTD Urethritis plus	1	-	-	1
GeneProof MH/UU/UP Multiplex PCR Kit	1	-	-	1
GeneProof Ureaplasma PCR Kit	4	-	-	4
In-house PCR	2	1	-	3
InterLabService AmpliSens U. parvum/U.urealyticum-FRT	1	-	-	1
Sacace Ureaplasma parvum/urealyticum Real-TM	2	-	-	2
Seegene Allplex STI Essential	61	-	-	61
Seegene Anyplex II STI-7 Detection	4	-	-	4
Total:	92	1	33	126

FURTHER ACTION

Response	Response count	AVR success rate	Response Score
C. trachomatis would be confirmed	13	-	-
M. hominis would be confirmed	7	-	-
N. gonorrhoeae would be confirmed	2	-	-
Total:	22		

Report Info

PARTICIPANTS

Altogether 121 laboratories from 23 countries participated in this EQA round.

REPORT INFO

The reported results and the scores are presented in the same summary. Sample specific results are shown in the tables as counts. The expected results are indicated in the tables with green colour. The laboratory's own result is shown by a black radio button .

You can view the result distribution of each specimen and pathogen on screen one by one. The tables can be opened and closed by clicking the screen button at the right end of the row. The result tables of pathogens with a negative result expectation and for which no deviating results have been reported are by default closed for clarification of the report.

The participant's own success is shown both as scores and as success rates (%) generated from the score values. They are presented both in the summary and in the sample specific parts of the report. If you have no 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 participants are scored according to their test selection. 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.

In general, only the positive findings are scored for each specimen. It is expected that the pathogens indicated in the sample content are to be identified, whereas other deviating findings will reduce the overall success rate. For those specimens that are negative regarding all pathogens included in the panel of this scheme, the scoring is based on the answer given to the question "number of pathogenic findings" and the expected result would be "Negative sample, no pathogens detected". Answer "No test result" and "Invalid/unclear test result" will be excluded from the scoring.

The scoring range is 0-2 points and the following general rules are followed:

2/2 points is given to results that are correct/accepted regarding the expected result
1/2 point can be given to results that are partly correct/insufficient regarding the expected result
0/2 point is given to results that are incorrect/false regarding the expected result

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

Sexually transmitted diseases multiplex, nucleic acid detection Round 1, 2023

Specimens

The samples were artificial samples containing hDNA. 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 content of the samples was as follows:

Sample S001 (LQ782623011)
Chlamydia trachomatis, *Neisseria gonorrhoeae*

Sample S002 (LQ782623012)
Ureaplasma parvum

Sample S003 (LQ782623013)
Neisseria gonorrhoeae

Sample S004 (LQ782623014)
Chlamydia trachomatis, *Mycoplasma hominis*

Pre-test method: Seegene Allplex STI Essential.

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

The first round of the year comprised one *Chlamydia trachomatis* (CT) and *Neisseria gonorrhoeae* (NG) double positive (S001), one *Ureaplasma parvum* (UP) positive (S002), one NG positive (S003), and one CT and *Mycoplasma hominis* (MH) double positive (S004) sample.

The mean success rate in the round was 95.3% varying from 98.8% (S001) to 89.7% (S002) in separate samples. For the UP positive sample (S002), several false positive results for other analytes were reported, though three laboratories had, in turn, reported negative UP result. In other samples a better agreement was achieved, but false and invalid results, as well as clear sample confusion were detected. This reminds us of the complexity of the multiplex testing and the need to be careful when reporting results.

Exceptions in scoring

No exceptions.

End of report

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2023-04-26

FINAL REPORT

Product no. 5302

Subcontracting: Sample pretesting

Samples sent	2023-03-14
Round closed	2023-04-06
Expected results	2023-04-12
Final report	2023-04-26

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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