April 2023

QIAstat-Dx® LIS Interface Specification

QIAstat-Dx Gastrointestinal Panel 2

IVD

CE

REF 691412

R3

Sample to Insight

Contents

Purpose and Scope

Purpose

The purpose of this document is to specify the exchange of information between the QIAstat-Dx Analyzer 1.0 and an external computer system when using the QIAstat-Dx Gastrointestinal Panel 2 (cat. no. 691412).

This external system, which plays the role of the automation manager, is typically a laboratory information system (LIS) or a laboratory data manager computer system. In this document, the external system is generically referred to as LIS.

The protocol used for the information exchange is the international Health Level Seven (HL7), 2.5. This document describes the content that is specific for this panel and is exchanged within messages.

Scope

This document describes the information for the QIAstat-Dx Gastrointestinal Panel 2 Assay Definition File (ADF) 1.1 and versions 1.4 or later of the Application Software on an external computer system.

Definitions and Acronyms

Table 1. Definitions and acronyms

Word or acronym	Definition
ADF	Assay Definition File
HL7	Health Level Seven
LIS	Laboratory information system
LOINC	Logical Observation Identifiers Names and Codes
ORC	Name Of Alternate Coding System
SNOMED	Systematized Nomenclature of Medicine
STAT-DX	Proprietary coding system from QIAGEN

Coding Systems

The QIAstat-Dx System has a 10/100 ethernet port supporting the host-communication interface. The Communication through this port can be configured for the HL7 protocol.

STAT-DX and LOINC coding systems

STAT-DX is a QIAGEN proprietary coding system. Except for result codes, all information exchanged by the QIAstat-Dx System uses this coding system.

The name of the assay is coded as `GI2` in the "OBR 4.1 Universal Service Identifier" field of HL7.

Example

OBR|1|||GI2|||20220505084433|20220505100007|||||||||||||||||F

The sample type is coded as indicated in the following table:

Table 2. Sample type

Specimen-type text, OBR 4.2	Specimen-type identifier, OBR 4.1
Cary-Blair	500

Example

SPM|1|14021996||500^Cary-Blair^STAT-DX||||||P

In HL7, analyte names and short names are the alternate test names and the alternate test identifiers, respectively. In the "OBX 3.6 the Name Of Alternate Coding System" section, these should be informed as STAT-DX.

Table 3. Alternate test names and identifiers for OBX 3.4 and 3.5

Alternate test name, OBX 3.5	Alternate test identifier, OBX 3.4	Alternate test name, OBX 3.5	Alternate test identifier, OBX 3.4
Adenovirus F40/F41	ADE	Enteroaggregative *E.coli* (EAEC)	EAEC
Astrovirus	AST	Enteropathogenic *E.coli* (EPEC)	EPEC
Norovirus GI/GII	NOR	Enterotoxigenic *E.coli* (ETEC) lt/st	ETEC
Rotavirus A	ROT	Shiga-like toxin *E-coli* (STEC) stx1	STEC1
Sapovirus	SAP	Shiga-like toxin *E-coli* (STEC) stx2	STEC2
Campylobacter	CAM	Shiga-like toxin *E-coli* (STEC) stx1 + stx2	STEC
Clostridium difficile toxin A/B	CLO	*E.coli* O157	O157
Plesiomonas shigelloides	PLE	Shigella/Enteroinvasive *E.coli* (EIEC)	EIEC
Salmonella	SAL	Cryptosporidium	CRY
Vibrio cholerae	VCH	*Cyclospora cayetanensis*	CYC
Vibrio parahaemolyticus	VPA	*Entamoeba histolytica*	ENT
Vibrio vulnificus	VVU	*Giardia lamblia*	GIA
Yersinia enterocolitica	YER		

The internal control (IC) is also reported as an analyte.

Table 4. Analyte test name and identifier

Alternate test name, OBX 3.5	Alternate test identifier, OBX 3.4
IC	IC

Analytes names are also sent using the LOINC coding system. In the "OBX 3.3 the Name Of Alternate Coding System" section, this analyte name should be informed as `LN`.

Table 5. LOINC coding system for analytes

Identifier, OBX 3.1	Text, OBX 3.2	Identifier, OBX 3.1	Text, OBX 3.2
92690-7	Adenovirus 40+41 DNA	**97317-2**	*Escherichia coli* enteroaggregative DNA
92691-5	Astrovirus RNA	97318-0	*Escherichia coli* enteropathogenic DNA
92692-3	Norovirus genogroup I+II RNA	97319-8	*Escherichia coli* enterotoxigenic DNA
92693-1	Rotavirus A RNA	79386-9	*Escherichia coli* Stx1 toxin stx1 gene
92694-9	Sapovirus genogroups I+II+IV+V RNA	79387-7	*Escherichia coli* Stx2 toxin stx2 gene
97312-3	*Campylobacter coli*+jejuni+upsaliensis DNA	80679-4	*Escherichia coli* Stx1+Stx2 toxin stx1+stx2 genes
80685-1	*Clostridioides difficile* toxin A+B tcdA+tcdB genes	97320-6	*Escherichia coli* O157 DNA
70296-9	*Plesiomonas shigelloides* DNA	70242-3	Shigella species+EIEC invasion plasmid antigen H (ipaH) gene
97313-1	Salmonella sp. DNA	88928-7	Cryptosporidium sp. DNA
97314-9	*Vibrio cholerae* DNA	97321-4	*Cyclospora cayetanensis* DNA
97315-6	*Vibrio parahaemolyticus* DNA	92689-9	*Entamoeba histolytica* DNA
97316-4	*Vibrio vulnificus* DNA	92687-3	*Giardia lamblia* DNA
92723-6	*Yersinia enterocolitica* DNA		

For the case of the Shiga-like toxin-producing *E.coli* (STEC) there are two analytes in different channel chambers which are the strains stx1 and stx2, but for the user we need to report it as a single analyte when both are positive or both are negative. For this reason Shiga-like toxin *E-coli* (STEC) stx1 and Shiga-like toxin *E-coli* (STEC) stx2 will not be reported when Shiga-like toxin *E-coli* (STEC) stx1+stx2 is reported.

In the same way, if Shiga-like toxin *E-coli* (STEC) stx1 is positive, it will be reported but Shiga-like toxin E-coli (STEC) stx2 and Shiga-like toxin E-coli (STEC) stx1+stx2 will be hidden. Also, if Shiga-like toxin E-coli (STEC) stx2 is positive, it will be reported but Shiga-like toxin E-coli (STEC) stx1 and Shiga-like toxin E-coli (STEC) stx1+stx2 will be hidden.

Specific interpretation for this assay are detailed in the table below.

Table 6. Shiga-like toxin E.Coli interpretation

EPEC Result	STEC stx1/stx2 Result			*E.coli* O157 Result	Description
	stx1	stx2	stx1 + stx2		
Negative			Negative	N/A	Enteropathogenic *E.coli* (EPEC) was not detected and Shiga-like toxin-producing *E.coli* (STEC) stx1/stx2 is negative as both stx1 and stx2 have not been detected
					E.coli O157 result is not applicable N/A) when Shiga-like toxin-producing *E.coli* (STEC) stx1/stx2 is not detected due to *E.coli* O157 being a specific serotype of STEC
Positive			Negative	N/A	Enteropathogenic *E.coli* (EPEC) was detected and Shiga-like toxin-producing *E.coli* (STEC) stx1/stx2 is negative as both stx1 and stx2 have not been detected
					E.coli O157 result is not applicable (N/A) when Shiga-like toxin-producing *E.coli* (STEC) stx1/stx2 is not detected due to *E.coli* O157 being a specific serotype of STEC
N/A	Positive			Negative	EPEC result is not applicable because EPEC detection cannot be differentiated when either STEC stx1 or stx2 is detected
					E.coli O157 was not detected
N/A		Positive		Negative	EPEC result is not applicable because EPEC detection cannot be differentiated when either STEC stx1 or stx2 is detected
					E.coli O157 was not detected
N/A			Positive	Negative	EPEC result is not applicable because EPEC detection cannot be differentiated when STEC stx1 or stx2 are detected
					E.coli O157 was not detected
N/A	Positive			Positive	EPEC result is not applicable because EPEC detection cannot be differentiated when either STEC stx1 or stx2 is detected
					E.coli O157 was not detected
N/A		Positive		Positive	EPEC result is not applicable because EPEC detection cannot be differentiated when either STEC stx1 or stx2 is detected
					E.coli O157 was not detected
N/A			Positive	Positive	EPEC result is not applicable because EPEC detection cannot be differentiated when either STEC stx1 or stx2 are detected
					E.coli O157 was not detected

There are some examples of these cases at the end of the document.

Example gastrointestinal panel 2 analyte:

OBX|43|CE|97318-0^Escherichia coli enteropathogenic DNA^LN^EPEC^Enteropathogenic *E.coli* (EPEC)^STAT-
DX|EPEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001032|20220505100007

Example IC analyte (note that IC does not contain a LOINC code):

OBX|70|CE|^^^IC^IC^STAT-
DX|IC|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001032|20220505100007

SNOMED coding system

For laboratory-based reporting, SNOMED is recommended for the "OBX-5" section when results are coded and data types are used. The following table lists SNOMED codes for qualitative results.

Table 7. SNOMED codes for qualitative results

Observation value, OBX 5	Qualitative result, OBX 5.1	Value shown in the instrument
10828004	POSITIVE (qualifier value)	Positive
260385009	NEGATIVE (qualifier value)	Negative
373068000	UNDETERMINED (qualifier value)	Invalid
38542009	NOT APPLICABLE (qualifier value)	Not applicable

- Example negative value:

OBX|4|CE|92691-5^Astrovirus RNA^LN^AST^Astrovirus^STAT-
DX|AST|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001032|20220505100007
OBX|5|NM|^^^AST.Ct^Astrovirus Ct^STAT-
DX|AST|NA|||||F|||||administrator^Administrator||001032|20220505100007
OBX|6|NM|^^^AST.EndPoint^Astrovirus End Point^STAT-
DX|AST|NA|||||F|||||administrator^Administrator||001032|20220505100007

- Example positive value:

OBX|67|CE|92687-3^Giardia lamblia DNA^LN^GIA^Giardia lamblia^STAT-
DX|IC|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001032|20220505100007
OBX|68|NM|^^^GIA.Ct^Giardia lamblia Ct^STAT-
DX|GIA|32.69|||||F|||||administrator^Administrator||001032|20220505100007
OBX|69|NM|^^^GIA.EndPoint^Giardia lamblia End Point^STAT-
DX|GIA|278195.80|||||F|||||administrator^Administrator||001032|20220505100007

- Example invalid value:

OBX|46|CE|97319-8^Escherichia coli enterotoxigenic DNA^LN^ETEC^Enterotoxigenic E.coli (ETEC) lt/st^STAT-
DX|ETEC|373068000^ UNDETERMINED^SCT|||||F|||||administrator^Administrator||001032|20220505100007
OBX|47|NM|^^^ETEC.Ct^Enterotoxigenic E.coli (ETEC) lt/st Ct^STAT-
DX|ETEC|NA|||||F|||||administrator^Administrator||001032|20220505100007
OBX|48|NM|^^^ETEC.EndPoint^Enterotoxigenic E.coli (ETEC) lt/st End Point^STAT-
DX|ETEC|NA|||||F|||||administrator^Administrator||001032|20220505100007

- Example not applicable value:

OBX|52|CE|97320-6^Escherichia coli O157 DNA^LN^O157^E.coli O157^STAT-DX|O157|38542009^NOT APPLICABLE^SCT|||||F|||||administrator^Administrator||001007|20221005160107

OBX|53|NM|^^^O157.Ct^E.coli O157 Ct^STAT-
DX|O157|NA|||||F||||administrator^Administrator||001007|20221005160107
OBX|54|NM|^^^O157.EndPoint^E.coli O157 End Point^STAT-
DX|O157|NA|||||F||||administrator^Administrator||001007|20221005160107

Examples

The following is an example of a negative result:*

MSH|^~\&|DiagCORE000134||MYLIS||20221005160118||OUL^R22^OUL_R22|M20221005160118O929|P|2.5|||||UNICODE UTF-8
PID|1||mix5
SPM|1|522450107||500^Cary-Blair^STAT-DX||||||P
OBR|1|||GI2|||20221005144450|20221005160107|||||||||||||||F
ORC|SC
OBX|1|CE|92690-7^Adenovirus 40+41 DNA^LN^ADE^Adenovirus F40/F41^STAT-DX|ADE|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|2|NM|^^^ADE.Ct^Adenovirus F40/F41 Ct^STAT-DX|ADE|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|3|NM|^^^ADE.EndPoint^Adenovirus F40/F41 End Point^STAT-DX|ADE|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|4|CE|92691-5^Astrovirus RNA^LN^AST^Astrovirus^STAT-DX|AST|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|5|NM|^^^AST.Ct^Astrovirus Ct^STAT-DX|AST|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|6|NM|^^^AST.EndPoint^Astrovirus End Point^STAT-DX|AST|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|7|CE|92692-3^Norovirus genogroup I+II RNA^LN^NOR^Norovirus GI/GII^STAT-DX|NOR|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|8|NM|^^^NOR.Ct^Norovirus GI/GII Ct^STAT-DX|NOR|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|9|NM|^^^NOR.EndPoint^Norovirus GI/GII End Point^STAT-DX|NOR|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|10|CE|92693-1^Rotavirus A RNA^LN^ROT^Rotavirus A^STAT-DX|ROT|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|11|NM|^^^ROT.Ct^Rotavirus A Ct^STAT-DX|ROT|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|12|NM|^^^ROT.EndPoint^Rotavirus A End Point^STAT-DX|ROT|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|13|CE|92694-9^Sapovirus genogroups I+II+IV+V RNA^LN^SAP^Sapovirus^STAT-DX|SAP|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|14|NM|^^^SAP.Ct^Sapovirus Ct^STAT-DX|SAP|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|15|NM|^^^SAP.EndPoint^Sapovirus End Point^STAT-DX|SAP|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|16|CE|97312-3^Campylobacter coli+jejuni+upsaliensis DNA^LN^CAM^Campylobacter^STAT-DX|CAM|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|17|NM|^^^CAM.Ct^Campylobacter Ct^STAT-DX|CAM|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|18|NM|^^^CAM.EndPoint^Campylobacter End Point^STAT-DX|CAM|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|19|CE|80685-1^Clostridioides difficile toxin A+B tcdA+tcdB genes^LN^CLO^Clostridium difficile toxin A/B^STAT-DX|CLO|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|20|NM|^^^CLO.Ct^Clostridium difficile toxin A/B Ct^STAT-DX|CLO|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|21|NM|^^^CLO.EndPoint^Clostridium difficile toxin A/B End Point^STAT-DX|CLO|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|22|CE|70296-9^Plesiomonas shigelloides DNA^LN^PLE^Plesiomonas shigelloides^STAT-DX|PLE|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|23|NM|^^^PLE.Ct^Plesiomonas shigelloides Ct^STAT-DX|PLE|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|24|NM|^^^PLE.EndPoint^Plesiomonas shigelloides End Point^STAT-DX|PLE|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|25|CE|97313-1^Salmonella sp DNA^LN^SAL^Salmonella^STAT-DX|SAL|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|26|NM|^^^SAL.Ct^Salmonella Ct^STAT-DX|SAL|NA|||||F|||||administrator^Administrator||001007|20221005160107

* In this case the analytes Shiga-like toxin E-coli (STEC) *stx1* and Shiga-like toxin E-coli (STEC) *stx2* will not appear they will be reported as negative by Shiga-like toxin E-coli (STEC) *stx1+stx2*.

OBX|27|NM|^^^SAL.EndPoint^Salmonella End Point^STAT-
DX|SAL|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|28|CE|97314-9^Vibrio cholerae DNA^LN^VCH^Vibrio cholerae^STAT-
DX|VCH|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|29|NM|^^^VCH.Ct^Vibrio cholerae Ct^STAT-
DX|VCH|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|30|NM|^^^VCH.EndPoint^Vibrio cholerae End Point^STAT-
DX|VCH|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|31|CE|97315-6^Vibrio parahaemolyticus DNA^LN^VPA^Vibrio parahaemolyticus^STAT-
DX|VPA|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|32|NM|^^^VPA.Ct^Vibrio parahaemolyticus Ct^STAT-
DX|VPA|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|33|NM|^^^VPA.EndPoint^Vibrio parahaemolyticus End Point^STAT-
DX|VPA|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|34|CE|97316-4^Vibrio vulnificus DNA^LN^VVU^Vibrio vulnificus^STAT-
DX|VVU|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|35|NM|^^^VVU.Ct^Vibrio vulnificus Ct^STAT-
DX|VVU|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|36|NM|^^^VVU.EndPoint^Vibrio vulnificus End Point^STAT-
DX|VVU|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|37|CE|92723-6^Yersinia enterocolitica DNA^LN^YER^Yersinia enterocolitica^STAT-
DX|YER|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|38|NM|^^^YER.Ct^Yersinia enterocolitica Ct^STAT-
DX|YER|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|39|NM|^^^YER.EndPoint^Yersinia enterocolitica End Point^STAT-
DX|YER|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|40|CE|97317-2^Escherichia coli enteroaggregative DNA^LN^EAEC^Enteroaggregative E.coli (EAEC)^STAT-
DX|EAEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|41|NM|^^^EAEC.Ct^Enteroaggregative E.coli (EAEC) Ct^STAT-
DX|EAEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|42|NM|^^^EAEC.EndPoint^Enteroaggregative E.coli (EAEC) End Point^STAT-
DX|EAEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|43|CE|97318-0^Escherichia coli enteropathogenic DNA^LN^EPEC^Enteropathogenic E.coli (EPEC)^STAT-
DX|EPEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|44|NM|^^^EPEC.Ct^Enteropathogenic E.coli (EPEC) Ct^STAT-
DX|EPEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|45|NM|^^^EPEC.EndPoint^Enteropathogenic E.coli (EPEC) End Point^STAT-
DX|EPEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|46|CE|97319-8^Escherichia coli enterotoxigenic DNA^LN^ETEC^Enterotoxigenic E.coli (ETEC) lt/st^STAT-
DX|ETEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|47|NM|^^^ETEC.Ct^Enterotoxigenic E.coli (ETEC) lt/st Ct^STAT-
DX|ETEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|48|NM|^^^ETEC.EndPoint^Enterotoxigenic E.coli (ETEC) lt/st End Point^STAT-
DX|ETEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|49|CE|80679-4^Escherichia coli Stx1+Stx2 toxin stx1+stx2 genes^LN^STEC^Shiga-like toxin E.coli (STEC) stx1 + stx2^STAT-
DX|STEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|50|NM|^^^STEC.Ct^Shiga-like toxin E.coli (STEC) stx1 + stx2 Ct^STAT-
DX|STEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|51|NM|^^^STEC.EndPoint^Shiga-like toxin E.coli (STEC) stx1 + stx2 End Point^STAT-
DX|STEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|52|CE|97320-6^Escherichia coli O157 DNA^LN^O157^E.coli O157^STAT-DX|O157|38542009^NOT
APPLICABLE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|53|NM|^^^O157.Ct^E.coli O157 Ct^STAT-
DX|O157|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|54|NM|^^^O157.EndPoint^E.coli O157 End Point^STAT-
DX|O157|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|55|CE|70242-3^Shigella species+EIEC invasion plasmid antigen H (ipaH) gene^LN^EIEC^Shigella/Enteroinvasive E.coli
(EIEC)^STAT-DX|EIEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|56|NM|^^^EIEC.Ct^Shigella/Enteroinvasive E.coli (EIEC) Ct^STAT-
DX|EIEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|57|NM|^^^EIEC.EndPoint^Shigella/Enteroinvasive E.coli (EIEC) End Point^STAT-
DX|EIEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|58|CE|88928-7^Cryptosporidium sp DNA^LN^CRY^Cryptosporidium^STAT-
DX|CRY|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|59|NM|^^^CRY.Ct^Cryptosporidium Ct^STAT-
DX|CRY|NA|||||F|||||administrator^Administrator||001007|20221005160107

OBX|60|NM|^^^CRY.EndPoint^Cryptosporidium End Point^STAT-
DX|CRY|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|61|CE|97321-4^Cyclospora cayetanensis DNA^LN^CYC^Cyclospora cayetanensis^STAT-
DX|CYC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|62|NM|^^^CYC.Ct^Cyclospora cayetanensis Ct^STAT-
DX|CYC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|63|NM|^^^CYC.EndPoint^Cyclospora cayetanensis End Point^STAT-
DX|CYC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|64|CE|92689-9^Entamoeba histolytica DNA^LN^ENT^Entamoeba histolytica^STAT-
DX|ENT|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|65|NM|^^^ENT.Ct^Entamoeba histolytica Ct^STAT-
DX|ENT|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|66|NM|^^^ENT.EndPoint^Entamoeba histolytica End Point^STAT-
DX|ENT|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|67|CE|92687-3^Giardia lamblia DNA^LN^GIA^Giardia lamblia^STAT-
DX|GIA|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|68|NM|^^^GIA.Ct^Giardia lamblia Ct^STAT-
DX|GIA|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|69|NM|^^^GIA.EndPoint^Giardia lamblia End Point^STAT-
DX|GIA|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|70|CE|^^^IC^IC^STAT-
DX|IC|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|71|NM|^^^IC.Ct^IC Ct^STAT-DX|IC|30.29|||||F|||||administrator^Administrator||001007|20221005160107
OBX|72|NM|^^^IC.EndPoint^IC End Point^STAT-
DX|IC|214161.80|||||F|||||administrator^Administrator||001007|20221005160107

The following is an example of a positive result:*

MSH|^~\&|DiagCORE000001035||MYLIS||20221201100235||OUL^R22^OUL_R22|M202212011002350001|P|2.5|||||UNICODE UTF-8
PID|1||3
SPM|1|522231116||500^Cary-Blair^STAT-DX||||||P
OBR|1||||GI2|||20221201084438|20221201100058|||||||||||||||||F
ORC|SC
OBX|1|CE|92690-7^Adenovirus 40+41 DNA^LN^ADE^Adenovirus F40/F41^STAT-
DX|ADE|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|2|NM|^^^ADE.Ct^Adenovirus F40/F41 Ct^STAT-
DX|ADE|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|3|NM|^^^ADE.EndPoint^Adenovirus F40/F41 End Point^STAT-
DX|ADE|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|4|CE|92691-5^Astrovirus RNA^LN^AST^Astrovirus^STAT-
DX|AST|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|5|NM|^^^AST.Ct^Astrovirus Ct^STAT-
DX|AST|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|6|NM|^^^AST.EndPoint^Astrovirus End Point^STAT-
DX|AST|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|7|CE|92692-3^Norovirus genogroup I+II RNA^LN^NOR^Norovirus GI/GII^STAT-
DX|NOR|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|8|NM|^^^NOR.Ct^Norovirus GI/GII Ct^STAT-
DX|NOR|30.06|||||F|||||administrator^Administrator||001078|20221201100058
OBX|9|NM|^^^NOR.EndPoint^Norovirus GI/GII End Point^STAT-
DX|NOR|382222.56|||||F|||||administrator^Administrator||001078|20221201100058
OBX|10|CE|92693-1^Rotavirus A RNA^LN^ROT^Rotavirus A^STAT-
DX|ROT|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|11|NM|^^^ROT.Ct^Rotavirus A Ct^STAT-
DX|ROT|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|12|NM|^^^ROT.EndPoint^Rotavirus A End Point^STAT-
DX|ROT|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|13|CE|92694-9^Sapovirus genogroups I+II+IV+V RNA^LN^SAP^Sapovirus^STAT-
DX|SAP|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|14|NM|^^^SAP.Ct^Sapovirus Ct^STAT-
DX|SAP|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|15|NM|^^^SAP.EndPoint^Sapovirus End Point^STAT-
DX|SAP|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|16|CE|97312-3^Campylobacter coli+jejuni+upsaliensis DNA^LN^CAM^Campylobacter^STAT-
DX|CAM|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|202212011000 58
OBX|17|NM|^^^CAM.Ct^Campylobacter Ct^STAT-
DX|CAM|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|18|NM|^^^CAM.EndPoint^Campylobacter End Point^STAT-
DX|CAM|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|19|CE|70296-9^Plesiomonas shigelloides DNA^LN^PLE^Plesiomonas shigelloides^STAT-
DX|PLE|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|20|NM|^^^PLE.Ct^Plesiomonas shigelloides Ct^STAT-
DX|PLE|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|21|NM|^^^PLE.EndPoint^Plesiomonas shigelloides End Point^STAT-
DX|PLE|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|22|CE|97313-1^Salmonella sp DNA^LN^SAL^Salmonella^STAT-
DX|SAL|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|23|NM|^^^SAL.Ct^Salmonella Ct^STAT-
DX|SAL|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|24|NM|^^^SAL.EndPoint^Salmonella End Point^STAT-
DX|SAL|NA|||||F|||||administrator^Administrator||001078|20221201100058

* In this case the analytes Shiga-like toxin E-coli (STEC) *stx1* and Shiga-like toxin E-coli (STEC) *stx2* will not appear, they will be reported as positive by Shiga-like toxin E-coli (STEC) *stx1+stx2*.
Note: Amplification curve, EP and Ct values when STEC Stx1 and Stx2 are detected correspond to the STEC stx2 only.

OBX|25|CE|97313-1^Salmonella sp DNA^LN^SAL^Salmonella^STAT-
DX|SAL|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|26|NM|^^^SAL.Ct^Salmonella Ct^STAT-
DX|SAL|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|27|NM|^^^SAL.EndPoint^Salmonella End Point^STAT-
DX|SAL|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|28|CE|97314-9^Vibrio cholerae DNA^LN^VCH^Vibrio cholerae^STAT-
DX|VCH|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|29|NM|^^^VCH.Ct^Vibrio cholerae Ct^STAT-
DX|VCH|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|30|NM|^^^VCH.EndPoint^Vibrio cholerae End Point^STAT-
DX|VCH|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|31|CE|97315-6^Vibrio parahaemolyticus DNA^LN^VPA^Vibrio parahaemolyticus^STAT-
DX|VPA|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|32|NM|^^^VPA.Ct^Vibrio parahaemolyticus Ct^STAT-
DX|VPA|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|33|NM|^^^VPA.EndPoint^Vibrio parahaemolyticus End Point^STAT-
DX|VPA|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|34|CE|97316-4^Vibrio vulnificus DNA^LN^VVU^Vibrio vulnificus^STAT-
DX|VVU|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|35|NM|^^^VVU.Ct^Vibrio vulnificus Ct^STAT-
DX|VVU|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|36|NM|^^^VVU.EndPoint^Vibrio vulnificus End Point^STAT-
DX|VVU|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|37|CE|92723-6^Yersinia enterocolitica DNA^LN^YER^Yersinia enterocolitica^STAT-
DX|YER|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|38|NM|^^^YER.Ct^Yersinia enterocolitica Ct^STAT-
DX|YER|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|39|NM|^^^YER.EndPoint^Yersinia enterocolitica End Point^STAT-
DX|YER|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|40|CE|97317-2^Escherichia coli enteroaggregative DNA^LN^EAEC^Enteroaggregative E. coli (EAEC)^STAT-
DX|EAEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221201100058
OBX|41|NM|^^^EAEC.Ct^Enteroaggregative E. coli (EAEC) Ct^STAT-
DX|EAEC|NA|||||F|||||administrator^Administrator||001007|20221201100058
OBX|42|NM|^^^EAEC.EndPoint^Enteroaggregative E. coli (EAEC) End Point^STAT-
DX|EAEC|NA|||||F|||||administrator^Administrator||001007|20221201100058
OBX|43|CE|97318-0^Escherichia coli enteropathogenic DNA^LN^EPEC^Enteropathogenic E.coli (EPEC)^STAT-DX|EPEC|38542009^NOT
APPLICABLE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|44|NM|^^^EPEC.Ct^Enteropathogenic E.coli (EPEC) Ct^STAT-
DX|EPEC|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|45|NM|^^^EPEC.EndPoint^Enteropathogenic E.coli (EPEC) End Point^STAT-
DX|EPEC|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|46|CE|97319-8^Escherichia coli enterotoxigenic DNA^LN^ETEC^Enterotoxigenic E.coli (ETEC) lt/st^STAT-
DX|ETEC|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|47|NM|^^^ETEC.Ct^Enterotoxigenic E.coli (ETEC) lt/st Ct^STAT-
DX|ETEC|30.84|||||F|||||administrator^Administrator||001078|20221201100058
OBX|48|NM|^^^ETEC.EndPoint^Enterotoxigenic E.coli (ETEC) lt/st End Point^STAT-
DX|ETEC|150416.68|||||F|||||administrator^Administrator||001078|20221201100058
OBX|49|CE|80679-4^Escherichia coli Stx1+Stx2 toxin stx1+stx2 genes^LN^STEC^Shiga-like toxin E.coli (STEC) stx1 + stx2^STAT-
DX|STEC|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|50|NM|^^^STEC.Ct^Shiga-like toxin E.coli (STEC) stx1 + stx2 Ct^STAT-
DX|STEC|31.82|||||F|||||administrator^Administrator||001078|20221201100058
OBX|51|NM|^^^STEC.EndPoint^Shiga-like toxin E.coli (STEC) stx1 + stx2 End Point^STAT-
DX|STEC|217409.00|||||F|||||administrator^Administrator||001078|20221201100058

OBX|52|CE|97320-6^Escherichia coli O157 DNA^LN^O157^E.coli O157^STAT-
DX|O157|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|53|NM|^^^O157.Ct^E.coli O157 Ct^STAT-
DX|O157|29.91|||||F|||||administrator^Administrator||001078|20221201100058
OBX|54|NM|^^^O157.EndPoint^E.coli O157 End Point^STAT-
DX|O157|127192.67|||||F|||||administrator^Administrator||001078|20221201100058
OBX|55|CE|70242-3^Shigella species+EIEC invasion plasmid antigen H (ipaH)
gene^LN^EIEC^Shigella/Enteroinvasive E.coli (EIEC)^STAT-
DX|EIEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|56|NM|^^^EIEC.Ct^Shigella/Enteroinvasive E.coli (EIEC) Ct^STAT-
DX|EIEC|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|57|NM|^^^EIEC.EndPoint^Shigella/Enteroinvasive E.coli (EIEC) End Point^STAT-
DX|EIEC|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|58|CE|88928-7^Cryptosporidium sp DNA^LN^CRY^Cryptosporidium^STAT-
DX|CRY|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|59|NM|^^^CRY.Ct^Cryptosporidium Ct^STAT-
DX|CRY|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|60|NM|^^^CRY.EndPoint^Cryptosporidium End Point^STAT-
DX|CRY|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|61|CE|97321-4^Cyclospora cayetanensis DNA^LN^CYC^Cyclospora cayetanensis^STAT-
DX|CYC|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|62|NM|^^^CYC.Ct^Cyclospora cayetanensis Ct^STAT-
DX|CYC|30.39|||||F|||||administrator^Administrator||001078|20221201100058
OBX|63|NM|^^^CYC.EndPoint^Cyclospora cayetanensis End Point^STAT-
DX|CYC|204054.84|||||F|||||administrator^Administrator||001078|20221201100058
OBX|64|CE|92689-9^Entamoeba histolytica DNA^LN^ENT^Entamoeba histolytica^STAT-
DX|ENT|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|65|NM|^^^ENT.Ct^Entamoeba histolytica Ct^STAT-
DX|ENT|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|66|NM|^^^ENT.EndPoint^Entamoeba histolytica End Point^STAT-
DX|ENT|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|67|CE|92687-3^Giardia lamblia DNA^LN^GIA^Giardia lamblia^STAT-
DX|GIA|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|68|NM|^^^GIA.Ct^Giardia lamblia Ct^STAT-
DX|GIA|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|69|NM|^^^GIA.EndPoint^Giardia lamblia End Point^STAT-
DX|GIA|NA|||||F|||||administrator^Administrator||001078|20221201100058
OBX|70|CE|^^^IC^IC^STAT-
DX|IC|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001078|20221201100058
OBX|71|NM|^^^IC.Ct^IC Ct^STAT-
DX|IC|29.57|||||F|||||administrator^Administrator||001078|20221201100058
OBX|72|NM|^^^IC.EndPoint^IC End Point^STAT-
DX|IC|272952.68|||||F|||||administrator^Administrator||001078|20221201100058

The following is an example of a STEC1 positive result:*

MSH|^~\&|DiagCORE000001035|||MYLIS|||20221212091125|||OUL^R22^OUL_R22|M202212120911250048|P|2.5|||||||UNICODE UTF-8
PID|1|||stec1
SPM|1|522231130|||500^Cary-Blair^STAT-DX||||||P
OBR|1|||GI2|||20221212075259|20221212091048|||||||||||||||||F
ORC|SC
OBX|1|CE|92690-7^Adenovirus 40+41 DNA^LN^ADE^Adenovirus F40/F41^STAT-DX|ADE|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|2|NM|^^^ADE.Ct^Adenovirus F40/F41 Ct^STAT-DX|ADE|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|3|NM|^^^ADE.EndPoint^Adenovirus F40/F41 End Point^STAT-DX|ADE|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|4|CE|92691-5^Astrovirus RNA^LN^AST^Astrovirus^STAT-DX|AST|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|5|NM|^^^AST.Ct^Astrovirus Ct^STAT-DX|AST|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|6|NM|^^^AST.EndPoint^Astrovirus End Point^STAT-DX|AST|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|7|CE|92692-3^Norovirus genogroup I+II RNA^LN^NOR^Norovirus GI/GII^STAT-DX|NOR|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|8|NM|^^^NOR.Ct^Norovirus GI/GII Ct^STAT-DX|NOR|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|9|NM|^^^NOR.EndPoint^Norovirus GI/GII End Point^STAT-DX|NOR|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|10|CE|92693-1^Rotavirus A RNA^LN^ROT^Rotavirus A^STAT-DX|ROT|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|11|NM|^^^ROT.Ct^Rotavirus A Ct^STAT-DX|ROT|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|12|NM|^^^ROT.EndPoint^Rotavirus A End Point^STAT-DX|ROT|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|13|CE|92694-9^Sapovirus genogroups I+II+IV+V RNA^LN^SAP^Sapovirus^STAT-DX|SAP|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|14|NM|^^^SAP.Ct^Sapovirus Ct^STAT-DX|SAP|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|15|NM|^^^SAP.EndPoint^Sapovirus End Point^STAT-DX|SAP|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|16|CE|97312-3^Campylobacter coli+jejuni+upsaliensis DNA^LN^CAM^Campylobacter^STAT-DX|CAM|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|17|NM|^^^CAM.Ct^Campylobacter Ct^STAT-DX|CAM|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|18|NM|^^^CAM.EndPoint^Campylobacter End Point^STAT-DX|CAM|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|19|CE|80685-1^Clostridioides difficile toxin A+B tcdA+tcdB genes^LN^CLO^Clostridium difficile toxin A/B^STAT-DX|CLO|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|20|NM|^^^CLO.Ct^Clostridium difficile toxin A/B Ct^STAT-DX|CLO|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|21|NM|^^^CLO.EndPoint^Clostridium difficile toxin A/B End Point^STAT-DX|CLO|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|22|CE|70296-9^Plesiomonas shigelloides DNA^LN^PLE^Plesiomonas shigelloides^STAT-DX|PLE|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|23|NM|^^^PLE.Ct^Plesiomonas shigelloides Ct^STAT-DX|PLE|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|24|NM|^^^PLE.EndPoint^Plesiomonas shigelloides End Point^STAT-DX|PLE|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|25|CE|97313-1^Salmonella sp DNA^LN^SAL^Salmonella^STAT-DX|SAL|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|26|NM|^^^SAL.Ct^Salmonella Ct^STAT-DX|SAL|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|27|NM|^^^SAL.EndPoint^Salmonella End Point^STAT-DX|SAL|NA|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|28|CE|97314-9^Vibrio cholerae DNA^LN^VCH^Vibrio cholerae^STAT-DX|VCH|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001069|20221212091048
OBX|29|NM|^^^VCH.Ct^Vibrio cholerae Ct^STAT-DX|VCH|NA|||||F|||||administrator^Administrator|||001069|20221212091048

* In this case the analytes Shiga-like toxin E-coli (STEC) *stx2* and Shiga-like toxin E-coli (STEC) *stx1 + stx2* will not appear.

OBX|30|NM|^^^VCH.EndPoint^Vibrio cholerae End Point^STAT-
DX|VCH|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|31|CE|97315-6^Vibrio parahaemolyticus DNA^LN^VPA^Vibrio parahaemolyticus^STAT-
DX|VPA|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|32|NM|^^^VPA.Ct^Vibrio parahaemolyticus Ct^STAT-
DX|VPA|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|33|NM|^^^VPA.EndPoint^Vibrio parahaemolyticus End Point^STAT-
DX|VPA|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|34|CE|97316-4^Vibrio vulnificus DNA^LN^VVU^Vibrio vulnificus^STAT-
DX|VVU|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|35|NM|^^^VVU.Ct^Vibrio vulnificus Ct^STAT-
DX|VVU|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|36|NM|^^^VVU.EndPoint^Vibrio vulnificus End Point^STAT-
DX|VVU|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|37|CE|92723-6^Yersinia enterocolitica DNA^LN^YER^Yersinia enterocolitica^STAT-
DX|YER|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|38|NM|^^^YER.Ct^Yersinia enterocolitica Ct^STAT-
DX|YER|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|39|NM|^^^YER.EndPoint^Yersinia enterocolitica End Point^STAT-
DX|YER|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|40|CE|97317-2^Escherichia coli enteroaggregative DNA^LN^EAEC^Enteroaggregative E.coli (EAEC)^STAT-
DX|EAEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|41|NM|^^^EAEC.Ct^Enteroaggregative E.coli (EAEC) Ct^STAT-
DX|EAEC|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|42|NM|^^^EAEC.EndPoint^Enteroaggregative E.coli (EAEC) End Point^STAT-
DX|EAEC|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|43|CE|97318-0^Escherichia coli enteropathogenic DNA^LN^EPEC^Enteropathogenic E.coli (EPEC)^STAT-
DX|EPEC|38542009^NOT APPLICABLE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|44|NM|^^^EPEC.Ct^Enteropathogenic E.coli (EPEC) Ct^STAT-
DX|EPEC|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|45|NM|^^^EPEC.EndPoint^Enteropathogenic E.coli (EPEC) End Point^STAT-
DX|EPEC|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|46|CE|97319-8^Escherichia coli enterotoxigenic DNA^LN^ETEC^Enterotoxigenic E.coli (ETEC) lt/st^STAT-
DX|ETEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|47|NM|^^^ETEC.Ct^Enterotoxigenic E.coli (ETEC) lt/st Ct^STAT-
DX|ETEC|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|48|NM|^^^ETEC.EndPoint^Enterotoxigenic E.coli (ETEC) lt/st End Point^STAT-
DX|ETEC|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|49|CE|79386-9^Escherichia coli Stx1 toxin stx1 gene^LN^STEC1^Shiga-like toxin E-coli (STEC) stx1^STAT-
DX|STEC1|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|50|NM|^^^STEC1.Ct^Shiga-like toxin E-coli (STEC) stx1 Ct^STAT-
DX|STEC1|19.57|||||F|||||administrator^Administrator||001069|20221212091048
OBX|51|NM|^^^STEC1.EndPoint^Shiga-like toxin E-coli (STEC) stx1 End Point^STAT-
DX|STEC1|300066.72|||||F|||||administrator^Administrator||001069|20221212091048
OBX|52|CE|97320-6^Escherichia coli O157 DNA^LN^O157^E.coli O157^STAT-
DX|O157|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|53|NM|^^^O157.Ct^E.coli O157 Ct^STAT-
DX|O157|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|54|NM|^^^O157.EndPoint^E.coli O157 End Point^STAT-
DX|O157|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|55|CE|70242-3^Shigella species+EIEC invasion plasmid antigen H (ipaH) gene^LN^EIEC^Shigella/Enteroinvasive E.coli (EIEC)^STAT-DX|EIEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|56|NM|^^^EIEC.Ct^Shigella/Enteroinvasive E.coli (EIEC) Ct^STAT-
DX|EIEC|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|57|NM|^^^EIEC.EndPoint^Shigella/Enteroinvasive E.coli (EIEC) End Point^STAT-
DX|EIEC|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|58|CE|88928-7^Cryptosporidium sp DNA^LN^CRY^Cryptosporidium^STAT-
DX|CRY|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|59|NM|^^^CRY.Ct^Cryptosporidium Ct^STAT-
DX|CRY|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|60|NM|^^^CRY.EndPoint^Cryptosporidium End Point^STAT-
DX|CRY|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|61|CE|97321-4^Cyclospora cayetanensis DNA^LN^CYC^Cyclospora cayetanensis^STAT-
DX|CYC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|62|NM|^^^CYC.Ct^Cyclospora cayetanensis Ct^STAT-
DX|CYC|NA|||||F|||||administrator^Administrator||001069|20221212091048

OBX|63|NM|^^^CYC.EndPoint^Cyclospora cayetanensis End Point^STAT-
DX|CYC|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|64|CE|92689-9^Entamoeba histolytica DNA^LN^ENT^Entamoeba histolytica^STAT-
DX|ENT|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|65|NM|^^^ENT.Ct^Entamoeba histolytica Ct^STAT-
DX|ENT|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|66|NM|^^^ENT.EndPoint^Entamoeba histolytica End Point^STAT-
DX|ENT|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|67|CE|92687-3^Giardia lamblia DNA^LN^GIA^Giardia lamblia^STAT-
DX|GIA|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|68|NM|^^^GIA.Ct^Giardia lamblia Ct^STAT-
DX|GIA|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|69|NM|^^^GIA.EndPoint^Giardia lamblia End Point^STAT-
DX|GIA|NA|||||F|||||administrator^Administrator||001069|20221212091048
OBX|70|CE|^^^IC^IC^STAT-
DX|IC|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001069|20221212091048
OBX|71|NM|^^^IC.Ct^IC Ct^STAT-DX|IC|29.82|||||F|||||administrator^Administrator||001069|20221212091048
OBX|72|NM|^^^IC.EndPoint^IC End Point^STAT-
DX|IC|313881.28|||||F|||||administrator^Administrator||001069|20221212091048

The following is an example of a STEC2 positive result:*

MSH|^~\&|DiagCORE000001035|||MYLIS|||20221212091309|||OUL^R22^OUL_R22|M202212120913090049|P|2.5|||||||UNICODE UTF-8
PID|1|||stec2
SPM|1|52223133|||500^Cary-Blair^STAT-DX|||||||P
OBR|1||||GI2|||20221212075417|20221212091239|||||||||||||||||F
ORC|SC
OBX|1|CE|92690-7^Adenovirus 40+41 DNA^LN^ADE^Adenovirus F40/F41^STAT-DX|ADE|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|2|NM|^^^ADE.Ct^Adenovirus F40/F41 Ct^STAT-DX|ADE|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|3|NM|^^^ADE.EndPoint^Adenovirus F40/F41 End Point^STAT-DX|ADE|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|4|CE|92691-5^Astrovirus RNA^LN^AST^Astrovirus^STAT-DX|AST|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|5|NM|^^^AST.Ct^Astrovirus Ct^STAT-DX|AST|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|6|NM|^^^AST.EndPoint^Astrovirus End Point^STAT-DX|AST|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|7|CE|92692-3^Norovirus genogroup I+II RNA^LN^NOR^Norovirus GI/GII^STAT-DX|NOR|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|8|NM|^^^NOR.Ct^Norovirus GI/GII Ct^STAT-DX|NOR|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|9|NM|^^^NOR.EndPoint^Norovirus GI/GII End Point^STAT-DX|NOR|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|10|CE|92693-1^Rotavirus A RNA^LN^ROT^Rotavirus A^STAT-DX|ROT|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|11|NM|^^^ROT.Ct^Rotavirus A Ct^STAT-DX|ROT|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|12|NM|^^^ROT.EndPoint^Rotavirus A End Point^STAT-DX|ROT|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|13|CE|92694-9^Sapovirus genogroups I+II+IV+V RNA^LN^SAP^Sapovirus^STAT-DX|SAP|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|14|NM|^^^SAP.Ct^Sapovirus Ct^STAT-DX|SAP|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|15|NM|^^^SAP.EndPoint^Sapovirus End Point^STAT-DX|SAP|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|16|CE|97312-3^Campylobacter coli+jejuni+upsaliensis DNA^LN^CAM^Campylobacter^STAT-DX|CAM|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|17|NM|^^^CAM.Ct^Campylobacter Ct^STAT-DX|CAM|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|18|NM|^^^CAM.EndPoint^Campylobacter End Point^STAT-DX|CAM|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|19|CE|80685-1^Clostridioides difficile toxin A+B tcdA+tcdB genes^LN^CLO^Clostridium difficile toxin A/B^STAT-DX|CLO|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|20|NM|^^^CLO.Ct^Clostridium difficile toxin A/B Ct^STAT-DX|CLO|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|21|NM|^^^CLO.EndPoint^Clostridium difficile toxin A/B End Point^STAT-DX|CLO|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|22|CE|70296-9^Plesiomonas shigelloides DNA^LN^PLE^Plesiomonas shigelloides^STAT-DX|PLE|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|23|NM|^^^PLE.Ct^Plesiomonas shigelloides Ct^STAT-DX|PLE|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|24|NM|^^^PLE.EndPoint^Plesiomonas shigelloides End Point^STAT-DX|PLE|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|25|CE|97313-1^Salmonella sp DNA^LN^SAL^Salmonella^STAT-DX|SAL|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|26|NM|^^^SAL.Ct^Salmonella Ct^STAT-DX|SAL|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|27|NM|^^^SAL.EndPoint^Salmonella End Point^STAT-DX|SAL|NA|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|28|CE|97314-9^Vibrio cholerae DNA^LN^VCH^Vibrio cholerae^STAT-DX|VCH|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator|||001078|20221212091239
OBX|29|NM|^^^VCH.Ct^Vibrio cholerae Ct^STAT-DX|VCH|NA|||||F|||||administrator^Administrator|||001078|20221212091239

OBX|30|NM|^^^VCH.EndPoint^Vibrio cholerae End Point^STAT-
DX|VCH|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|31|CE|97315-6^Vibrio parahaemolyticus DNA^LN^VPA^Vibrio parahaemolyticus^STAT-
DX|VPA|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|32|NM|^^^VPA.Ct^Vibrio parahaemolyticus Ct^STAT-
DX|VPA|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|33|NM|^^^VPA.EndPoint^Vibrio parahaemolyticus End Point^STAT-
DX|VPA|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|34|CE|97316-4^Vibrio vulnificus DNA^LN^VVU^Vibrio vulnificus^STAT-
DX|VVU|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|35|NM|^^^VVU.Ct^Vibrio vulnificus Ct^STAT-
DX|VVU|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|36|NM|^^^VVU.EndPoint^Vibrio vulnificus End Point^STAT-
DX|VVU|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|37|CE|92723-6^Yersinia enterocolitica DNA^LN^YER^Yersinia enterocolitica^STAT-
DX|YER|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|38|NM|^^^YER.Ct^Yersinia enterocolitica Ct^STAT-
DX|YER|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|39|NM|^^^YER.EndPoint^Yersinia enterocolitica End Point^STAT-
DX|YER|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|40|CE|97317-2^Escherichia coli enteroaggregative DNA^LN^EAEC^Enteroaggregative E.coli (EAEC)^STAT-
DX|EAEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|41|NM|^^^EAEC.Ct^Enteroaggregative E.coli (EAEC) Ct^STAT-
DX|EAEC|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|42|NM|^^^EAEC.EndPoint^Enteroaggregative E.coli (EAEC) End Point^STAT-
DX|EAEC|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|43|CE|97318-0^Escherichia coli enteropathogenic DNA^LN^EPEC^Enteropathogenic E.coli (EPEC)^STAT-
DX|EPEC|38542009^NOT APPLICABLE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|44|NM|^^^EPEC.Ct^Enteropathogenic E.coli (EPEC) Ct^STAT-
DX|EPEC|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|45|NM|^^^EPEC.EndPoint^Enteropathogenic E.coli (EPEC) End Point^STAT-
DX|EPEC|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|46|CE|97319-8^Escherichia coli enterotoxigenic DNA^LN^ETEC^Enterotoxigenic E.coli (ETEC) lt/st^STAT-
DX|ETEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|47|NM|^^^ETEC.Ct^Enterotoxigenic E.coli (ETEC) lt/st Ct^STAT-
DX|ETEC|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|48|NM|^^^ETEC.EndPoint^Enterotoxigenic E.coli (ETEC) lt/st End Point^STAT-
DX|ETEC|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|49|CE|79387-7^Escherichia coli Stx2 toxin stx2 gene^LN^STEC2^Shiga-like toxin E-coli (STEC) stx2^STAT-
DX|STEC2|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|50|NM|^^^STEC2.Ct^Shiga-like toxin E-coli (STEC) stx2 Ct^STAT-
DX|STEC2|23.81|||||F|||||administrator^Administrator||001078|20221212091239
OBX|51|NM|^^^STEC2.EndPoint^Shiga-like toxin E-coli (STEC) stx2 End Point^STAT-
DX|STEC2|250599.00|||||F|||||administrator^Administrator||001078|20221212091239
OBX|52|CE|97320-6^Escherichia coli O157 DNA^LN^O157^E.coli O157^STAT-
DX|O157|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|53|NM|^^^O157.Ct^E.coli O157 Ct^STAT-
DX|O157|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|54|NM|^^^O157.EndPoint^E.coli O157 End Point^STAT-
DX|O157|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|55|CE|70242-3^Shigella species+EIEC invasion plasmid antigen H (ipaH) gene^LN^EIEC^Shigella/Enteroinvasive E.coli (EIEC)^STAT-DX|EIEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|56|NM|^^^EIEC.Ct^Shigella/Enteroinvasive E.coli (EIEC) Ct^STAT-
DX|EIEC|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|57|NM|^^^EIEC.EndPoint^Shigella/Enteroinvasive E.coli (EIEC) End Point^STAT-
DX|EIEC|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|58|CE|88928-7^Cryptosporidium sp DNA^LN^CRY^Cryptosporidium^STAT-
DX|CRY|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|59|NM|^^^CRY.Ct^Cryptosporidium Ct^STAT-
DX|CRY|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|60|NM|^^^CRY.EndPoint^Cryptosporidium End Point^STAT-
DX|CRY|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|61|CE|97321-4^Cyclospora cayetanensis DNA^LN^CYC^Cyclospora cayetanensis^STAT-
DX|CYC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|62|NM|^^^CYC.Ct^Cyclospora cayetanensis Ct^STAT-
DX|CYC|NA|||||F|||||administrator^Administrator||001078|20221212091239

* In this case the analytes Shiga-like toxin E-coli (STEC) *stx1* and Shiga-like toxin E-coli (STEC) *stx1 + stx2* will not appear.

OBX|63|NM|^^^CYC.EndPoint^Cyclospora cayetanensis End Point^STAT-
DX|CYC|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|64|CE|92689-9^Entamoeba histolytica DNA^LN^ENT^Entamoeba histolytica^STAT-
DX|ENT|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|65|NM|^^^ENT.Ct^Entamoeba histolytica Ct^STAT-
DX|ENT|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|66|NM|^^^ENT.EndPoint^Entamoeba histolytica End Point^STAT-
DX|ENT|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|67|CE|92687-3^Giardia lamblia DNA^LN^GIA^Giardia lamblia^STAT-
DX|GIA|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|68|NM|^^^GIA.Ct^Giardia lamblia Ct^STAT-
DX|GIA|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|69|NM|^^^GIA.EndPoint^Giardia lamblia End Point^STAT-
DX|GIA|NA|||||F|||||administrator^Administrator||001078|20221212091239
OBX|70|CE|^^^IC^IC^STAT-
DX|IC|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001078|20221212091239
OBX|71|NM|^^^IC.Ct^IC Ct^STAT-DX|IC|29.83|||||F|||||administrator^Administrator||001078|20221212091239
OBX|72|NM|^^^IC.EndPoint^IC End Point^STAT-
DX|IC|272178.32|||||F|||||administrator^Administrator||001078|20221212091239

The following is an example of a EPEC positive with *stx1* & *stx2* NEG result:*

MSH|^~\&|DiagCORE000134||MYLIS||20221005160118||OUL^R22^OUL_R22|M202210051601180929|P|2.5|||||UNICODE UTF-8
PID|1||mix5
SPM|1|522450107||500^Cary-Blair^STAT-DX||||||P
OBR|1|||GI2|||20221005144450|20221005160107|||||||||||||||||F
ORC|SC
OBX|1|CE|92690-7^Adenovirus 40+41 DNA^LN^ADE^Adenovirus F40/F41^STAT-DX|ADE|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|2|NM|^^^ADE.Ct^Adenovirus F40/F41 Ct^STAT-DX|ADE|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|3|NM|^^^ADE.EndPoint^Adenovirus F40/F41 End Point^STAT-DX|ADE|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|4|CE|92691-5^Astrovirus RNA^LN^AST^Astrovirus^STAT-DX|AST|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|5|NM|^^^AST.Ct^Astrovirus Ct^STAT-DX|AST|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|6|NM|^^^AST.EndPoint^Astrovirus End Point^STAT-DX|AST|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|7|CE|92692-3^Norovirus genogroup I+II RNA^LN^NOR^Norovirus GI/GII^STAT-DX|NOR|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|8|NM|^^^NOR.Ct^Norovirus GI/GII Ct^STAT-DX|NOR|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|9|NM|^^^NOR.EndPoint^Norovirus GI/GII End Point^STAT-DX|NOR|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|10|CE|92693-1^Rotavirus A RNA^LN^ROT^Rotavirus A^STAT-DX|ROT|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|11|NM|^^^ROT.Ct^Rotavirus A Ct^STAT-DX|ROT|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|12|NM|^^^ROT.EndPoint^Rotavirus A End Point^STAT-DX|ROT|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|13|CE|92694-9^Sapovirus genogroups I+II+IV+V RNA^LN^SAP^Sapovirus^STAT-DX|SAP|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|14|NM|^^^SAP.Ct^Sapovirus Ct^STAT-DX|SAP|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|15|NM|^^^SAP.EndPoint^Sapovirus End Point^STAT-DX|SAP|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|16|CE|97312-3^Campylobacter coli+jejuni+upsaliensis DNA^LN^CAM^Campylobacter^STAT-DX|CAM|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|17|NM|^^^CAM.Ct^Campylobacter Ct^STAT-DX|CAM|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|18|NM|^^^CAM.EndPoint^Campylobacter End Point^STAT-DX|CAM|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|19|CE|80685-1^Clostridioides difficile toxin A+B tcdA+tcdB genes^LN^CLO^Clostridium difficile toxin A/B^STAT-DX|CLO|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|20|NM|^^^CLO.Ct^Clostridium difficile toxin A/B Ct^STAT-DX|CLO|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|21|NM|^^^CLO.EndPoint^Clostridium difficile toxin A/B End Point^STAT-DX|CLO|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|22|CE|70296-9^Plesiomonas shigelloides DNA^LN^PLE^Plesiomonas shigelloides^STAT-DX|PLE|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|23|NM|^^^PLE.Ct^Plesiomonas shigelloides Ct^STAT-DX|PLE|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|24|NM|^^^PLE.EndPoint^Plesiomonas shigelloides End Point^STAT-DX|PLE|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|25|CE|97313-1^Salmonella sp DNA^LN^SAL^Salmonella^STAT-DX|SAL|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|26|NM|^^^SAL.Ct^Salmonella Ct^STAT-DX|SAL|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|27|NM|^^^SAL.EndPoint^Salmonella End Point^STAT-DX|SAL|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|28|CE|97314-9^Vibrio cholerae DNA^LN^VCH^Vibrio cholerae^STAT-DX|VCH|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107

* In this case the analytes Shiga-like toxin E-coli (STEC) *stx1* and Shiga-like toxin E-coli (STEC) *stx2* will not appear, they will be reported as negative by Shiga-like toxin E-coli (STEC) *stx1+stx2*.

OBX|29|NM|^^^VCH.Ct^Vibrio cholerae Ct^STAT-
DX|VCH|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|30|NM|^^^VCH.EndPoint^Vibrio cholerae End Point^STAT-
DX|VCH|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|31|CE|97315-6^Vibrio parahaemolyticus DNA^LN^ VPA^Vibrio parahaemolyticus^STAT-
DX|VPA|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|32|NM|^^^VPA.Ct^Vibrio parahaemolyticus Ct^STAT-
DX|VPA|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|33|NM|^^^VPA.EndPoint^Vibrio parahaemolyticus End Point^STAT-
DX|VPA|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|34|CE|97316-4^Vibrio vulnificus DNA^LN^VVU^Vibrio vulnificus^STAT-
DX|VVU|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|35|NM|^^^VVU.Ct^Vibrio vulnificus Ct^STAT-
DX|VVU|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|36|NM|^^^VVU.EndPoint^Vibrio vulnificus End Point^STAT-
DX|VVU|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|37|CE|92723-6^Yersinia enterocolitica DNA^LN^YER^Yersinia enterocolitica^STAT-
DX|YER|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|38|NM|^^^YER.Ct^Yersinia enterocolitica Ct^STAT-
DX|YER|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|39|NM|^^^YER.EndPoint^Yersinia enterocolitica End Point^STAT-
DX|YER|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|40|CE|97317-2^Escherichia coli enteroaggregative DNA^LN^EAEC^Enteroaggregative E.coli (EAEC)^STAT-
DX|EAEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|41|NM|^^^EAEC.Ct^Enteroaggregative E.coli (EAEC) Ct^STAT-
DX|EAEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|42|NM|^^^EAEC.EndPoint^Enteroaggregative E.coli (EAEC) End Point^STAT-
DX|EAEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|43|CE|97318-0^Escherichia coli enteropathogenic DNA^LN^EPEC^Enteropathogenic E.coli (EPEC)^STAT-
DX|EPEC|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|44|NM|^^^EPEC.Ct^Enteropathogenic E.coli (EPEC) Ct^STAT-
DX|EPEC|32.69|||||F|||||administrator^Administrator||001007|20221005160107
OBX|45|NM|^^^EPEC.EndPoint^Enteropathogenic E.coli (EPEC) End Point^STAT-
DX|EPEC|278195.80|||||F|||||administrator^Administrator||001007|20221005160107
OBX|46|CE|97319-8^Escherichia coli enterotoxigenic DNA^LN^ETEC^Enterotoxigenic E.coli (ETEC) lt/st^STAT-
DX|ETEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|47|NM|^^^ETEC.Ct^Enterotoxigenic E.coli (ETEC) lt/st Ct^STAT-
DX|ETEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|48|NM|^^^ETEC.EndPoint^Enterotoxigenic E.coli (ETEC) lt/st End Point^STAT-
DX|ETEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|49|CE|80679-4^Escherichia coli Stx1+Stx2 toxin stx1+stx2 genes^LN^STEC^Shiga-like toxin E.coli (STEC) stx1 + stx2^STAT-
DX|STEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|50|NM|^^^STEC.Ct^Shiga-like toxin E.coli (STEC) stx1 + stx2 Ct^STAT-
DX|STEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|51|NM|^^^STEC.EndPoint^Shiga-like toxin E.coli (STEC) stx1 + stx2 End Point^STAT-
DX|STEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|52|CE|97320-6^Escherichia coli O157 DNA^LN^O157^E.coli O157^STAT-DX|O157|38542009^NOT
APPLICABLE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|53|NM|^^^O157.Ct^E.coli O157 Ct^STAT-
DX|O157|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|54|NM|^^^O157.EndPoint^E.coli O157 End Point^STAT-
DX|O157|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|55|CE|70242-3^Shigella species+EIEC invasion plasmid antigen H (ipaH) gene^LN^EIEC^Shigella/Enteroinvasive E.coli
(EIEC)^STAT-DX|EIEC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|56|NM|^^^EIEC.Ct^Shigella/Enteroinvasive E.coli (EIEC) Ct^STAT-
DX|EIEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|57|NM|^^^EIEC.EndPoint^Shigella/Enteroinvasive E.coli (EIEC) End Point^STAT-
DX|EIEC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|58|CE|88928-7^Cryptosporidium sp DNA^LN^CRY^Cryptosporidium^STAT-
DX|CRY|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|59|NM|^^^CRY.Ct^Cryptosporidium Ct^STAT-
DX|CRY|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|60|NM|^^^CRY.EndPoint^Cryptosporidium End Point^STAT-
DX|CRY|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|61|CE|97321-4^Cyclospora cayetanensis DNA^LN^CYC^Cyclospora cayetanensis^STAT-
DX|CYC|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107

OBX|62|NM|^^^CYC.Ct^Cyclospora cayetanensis Ct^STAT-
DX|CYC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|63|NM|^^^CYC.EndPoint^Cyclospora cayetanensis End Point^STAT-
DX|CYC|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|64|CE|92689-9^Entamoeba histolytica DNA^LN^ENT^Entamoeba histolytica^STAT-
DX|ENT|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|65|NM|^^^ENT.Ct^Entamoeba histolytica Ct^STAT-
DX|ENT|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|66|NM|^^^ENT.EndPoint^Entamoeba histolytica End Point^STAT-
DX|ENT|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|67|CE|92687-3^Giardia lamblia DNA^LN^GIA^Giardia lamblia^STAT-
DX|GIA|260385009^NEGATIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|68|NM|^^^GIA.Ct^Giardia lamblia Ct^STAT-
DX|GIA|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|69|NM|^^^GIA.EndPoint^Giardia lamblia End Point^STAT-
DX|GIA|NA|||||F|||||administrator^Administrator||001007|20221005160107
OBX|70|CE|^^^IC^IC^STAT-
DX|IC|10828004^POSITIVE^SCT|||||F|||||administrator^Administrator||001007|20221005160107
OBX|71|NM|^^^IC.Ct^IC Ct^STAT-DX|IC|30.29|||||F|||||administrator^Administrator||001007|20221005160107
OBX|72|NM|^^^IC.EndPoint^IC End Point^STAT-
DX|IC|214161.80|||||F|||||administrator^Administrator||001007|20221005160107