

# Xpert® HIV-1 Viral Load XC Laboratory Information System Guidance

## **REF** GXHIV-VL-XC-CE-10

ADF: Xpert® HIV-1 Viral Load XC

Version 3

Purpose: To provide information for enabling a Laboratory Information System (LIS) interface for the Xpert® HIV-1 Viral Load XC test on GeneXpert® Systems.

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If you need further assistance, please contact your local Cepheid Technical Support representative at <https://www.cepheid.com/en/about/contact-us>

## 1 Host Communication in GeneXpert® System

### 1.1 Consult your LIS System Administrator:

Consult with your LIS System Administrator when interfacing the new assay to LIS or updating the existing assay to a new ADF version.

### 1.2 Enable Host Communication:

If the GeneXpert system is not already configured for LIS host communication, follow the instructions in your GeneXpert System's User Guide: "Configuring Host Communications for a LIS."

### 1.3 Assay Host Test Code and Result Code Configuration:

Assay Host Test Code and Result Code must be defined in the GeneXpert system.

Test codes can be user-defined. Cepheid provided the recommended test code in section 1.4. Consider your organization's need to use a different test code as need.

### 1.4 Suggested Assay Host Test Codes

ADF Name / Assay Name	ADF Version	Assay Host Test Code	Analyte Name	Result Code	Possible Result Values
Xpert HIV-1 Viral Load XC	3	<sup>1</sup> HIVVL	HIV-1	<sup>2</sup> N.A.	<p><b>GeneXpert and Infinity System:</b>                      DETECTED                      NOT DETECTED                      INVALID                      ERROR                      NO RESULT</p> <p><b>GX Edge:</b>                      DETECTED                      NOT DETECTED                      INSTRUMENT ERROR                      NO RESULT – REPEAT TEST</p> <p><i>*ERROR test result transmits as "ERROR" to LIS but is shown as "INSTRUMENT ERROR" in GX Edge</i></p> <p><i>*INVALID test result transmits as "INVALID" to LIS but is shown as "NO RESULT – REPEAT TEST" in GX Edge.</i></p>

<sup>1</sup>**Note:** As a Single-Result Assay, the Assay Host Test Code is used as the Upload and Download Code.

<sup>2</sup>**Note:** Result Code is not applicable for Single-Result Assay

## 2 Example Messages

These example messages can be used by an LIS interface analyst to understand the structure and content of Xpert HIV-1 Viral Load XC test results.

### 2.1 Example Result Messages

#### 2.1.1 Example ASTM Upload Messages

##### HIV-1 DETECTED <40 copies/mL

```
H|@^|URM-9h6IUTYA-05||GeneXpert PC^GeneXpert^1.0||||GX||P|1394-97|20221202104017
P|1|||||||||||||||||||||||||||||||||
O|1|HIV-1 30cp|^HIVVLR|20221115035816|||||||ORH|||||||F
R|1|^HIVVLR^Xpert HIV-1 Viral Load XC^3^LOG|^DETECTED^copies/mL|40.00 to
1000000.00|<||F||<None>|20221115035816|20221115052812|MSEDGEWIN10^810085^702922^992008573^12902^20230618
R|2|^HIVVLR^Xpert HIV-1 Viral Load XC^3^LOG|^copies/mL|1.60 to
7.00|<||F||<None>|20221115035816|20221115052812|MSEDGEWIN10^810085^702922^992008573^12902^20230618
R|3|^HIVVLR^HIV-1^POS^||
R|4|^HIVVLR^HIV-1^Ct|^38.4||
R|5|^HIVVLR^HIV-1^EndPt|^257.0||
R|6|^HIVVLR^HIV-1^Delta Ct|^11.7||
R|7|^HIVVLR^IQS-H^PASS^||
R|8|^HIVVLR^IQS-H^Ct|^22.4||
R|9|^HIVVLR^IQS-H^EndPt|^960.0||
R|10|^HIVVLR^IQS-H^Delta Ct|^||
R|11|^HIVVLR^IQS-L^PASS^||
R|12|^HIVVLR^IQS-L^Ct|^31.9||
R|13|^HIVVLR^IQS-L^EndPt|^153.0||
R|14|^HIVVLR^IQS-L^Delta Ct|^||
L|1|N
```

**HIV-1 DETECTED XX copies/mL (log X.XX)**

H|@^|\URM-PFaJUTYA-07||GeneXpert PC^GeneXpert^1.0||||GX||P|1394-97|20221202104226  
P|1||||^^^||||||||||||||||||  
O|1|HIV-1 1E3cp||^HIVVL|R|20221115071014||||||ORH|||||||F  
R|1|^HIVVL^Xpert HIV-1 Viral Load XC^3^|1009.64|copies/mL|40.00 to  
1000000.00|N||F||<None>|20221115071014|20221115084008|MSEDGEWIN10^810085^702922^992008587^12902^20230618  
R|2|^HIVVL^Xpert HIV-1 Viral Load XC^3^LOG|^3.00|copies/mL|1.60 to  
7.00|N||F||<None>|20221115071014|20221115084008|MSEDGEWIN10^810085^702922^992008587^12902^20230618  
R|3|^HIVVL^HIV-1^|POS^||  
R|4|^HIVVL^HIV-1^Ct|^33.0||  
R|5|^HIVVL^HIV-1^EndPt|^773.0||  
R|6|^HIVVL^HIV-1^Delta Ct|^6.2||  
R|7|^HIVVL^IQS-H^|PASS^||  
R|8|^HIVVL^IQS-H^Ct|^22.3||  
R|9|^HIVVL^IQS-H^EndPt|^911.0||  
R|10|^HIVVL^IQS-H^Delta Ct|^||  
R|11|^HIVVL^IQS-L^|PASS^||  
R|12|^HIVVL^IQS-L^Ct|^32.1||  
R|13|^HIVVL^IQS-L^EndPt|^144.0||  
R|14|^HIVVL^IQS-L^Delta Ct|^||  
L|1|N

**HIV-1 DETECTED > 1 × 10<sup>7</sup> copies/mL**

H|@^|\URM-bSHeUTYA-01||GeneXpert PC^GeneXpert^1.0||||GX||P|1394-97|20221202121254  
.P|1||||^^^||||||||||||||||||  
.O|1|HIV-1 1E7||^HIVVL|R|20221115020928||||||ORH|||||||F  
.R|1|^HIVVL^Xpert HIV-1 Viral Load XC^3^|DETECTED^|copies/mL|40.00 to  
1000000.00|>||F||<None>|20221115020928|20221115033925|MSEDGEWIN10^810085^702922^992008591^12902^20230618  
.R|2|^HIVVL^Xpert HIV-1 Viral Load XC^3^LOG|^|copies/mL|1.60 to  
7.00|>||F||<None>|20221115020928|20221115033925|MSEDGEWIN10^810085^702922^992008591^12902^20230618  
.R|3|^HIVVL^HIV-1^|POS^||  
.R|4|^HIVVL^HIV-1^Ct|^19.0||

.R|5|^^HIVVL^^HIV-1^EndPt|^1015.0||  
.R|6|^^HIVVL^^HIV-1^Delta Ct|^7.5||  
.R|7|^^HIVVL^^IQS-H^PASS^||  
.R|8|^^HIVVL^^IQS-H^Ct|^22.1||  
.R|9|^^HIVVL^^IQS-H^EndPt|^845.0||  
.R|10|^^HIVVL^^IQS-H^Delta Ct|^||  
.R|11|^^HIVVL^^IQS-L^PASS^||  
.R|12|^^HIVVL^^IQS-L^Ct|^31.7||  
.R|13|^^HIVVL^^IQS-L^EndPt|^160.0||  
.R|14|^^HIVVL^^IQS-L^Delta Ct|^||  
.L|1|N.

**HIV-1 NOT DETECTED**

H|@^|\URM-HFhIUTYA-04||GeneXpert PC^GeneXpert^1.0||||GX||P|1394-97|20221202103833  
P|1||||^^^||||||||||||||||  
O|1|HIV-1 Negative||^HIVVL|R|20221115053344||||||ORH|||||||F  
R|1|^^HIVVL^Xpert HIV-1 Viral Load XC^3^^NOT DETECTED^|copies/mL|40.00 to  
10000000.00|A||F||<None>|20221115053344|20221115070340|MSEdGEWIN10^810085^702922^992008600^12902^20230618  
R|2|^^HIVVL^Xpert HIV-1 Viral Load XC^3^^LOG|^|copies/mL|1.60 to  
7.00|A||F||<None>|20221115053344|20221115070340|MSEdGEWIN10^810085^702922^992008600^12902^20230618  
R|3|^^HIVVL^^HIV-1^NEG^||  
R|4|^^HIVVL^^HIV-1^Ct|^0.0||  
R|5|^^HIVVL^^HIV-1^EndPt|^3.0||  
R|6|^^HIVVL^^HIV-1^Delta Ct|^||  
R|7|^^HIVVL^^IQS-H^PASS^||  
R|8|^^HIVVL^^IQS-H^Ct|^22.3||  
R|9|^^HIVVL^^IQS-H^EndPt|^988.0||  
R|10|^^HIVVL^^IQS-H^Delta Ct|^||  
R|11|^^HIVVL^^IQS-L^PASS^||  
R|12|^^HIVVL^^IQS-L^Ct|^31.9||  
R|13|^^HIVVL^^IQS-L^EndPt|^155.0||  
R|14|^^HIVVL^^IQS-L^Delta Ct|^||  
L|1|N

**ERROR**

H|@^|URM-aR1GUTYA-01||GeneXpert PC^GeneXpert^1.0||||GX||P|1394-97|20221202103111  
P|1||||||||||||||||||||||||||||||||  
O|1|Error|^HIVVL|R|20221116010119||||||ORH|||||||F  
R|1|^HIVVL^Xpert HIV-1 Viral Load XC^3^|ERROR^|copies/mL|40.00 to  
10000000.00|A||F||<None>|20221116010119|20221116010605|MSEDGEWIN10^810085^702922^992008588^12902^20230618  
C|1||Error^2097^Operation terminated^Error 2097: Assay-Specific Termination Error #2: 47, 8, 1, 0^20221116010549|N  
R|2|^HIVVL^Xpert HIV-1 Viral Load XC^3^LOG|^|copies/mL|1.60 to  
7.00|A||F||<None>|20221116010119|20221116010605|MSEDGEWIN10^810085^702922^992008588^12902^20230618  
C|1||Error^2097^Operation terminated^Error 2097: Assay-Specific Termination Error #2: 47, 8, 1, 0^20221116010549|N  
R|3|^HIVVL^HIV-1^|NO RESULT^||  
R|4|^HIVVL^HIV-1^Ct|^0.0||  
R|5|^HIVVL^HIV-1^EndPt|^0.0||  
R|6|^HIVVL^HIV-1^Delta Ct|^||  
R|7|^HIVVL^IQS-H^|NO RESULT^||  
R|8|^HIVVL^IQS-H^Ct|^0.0||  
R|9|^HIVVL^IQS-H^EndPt|^0.0||  
R|10|^HIVVL^IQS-H^Delta Ct|^||  
R|11|^HIVVL^IQS-L^|NO RESULT^||  
R|12|^HIVVL^IQS-L^Ct|^0.0||  
R|13|^HIVVL^IQS-L^EndPt|^0.0||  
R|14|^HIVVL^IQS-L^Delta Ct|^||  
L|1|N

**INVALID**

H|@^|URM-NyTeUTYA-02||GeneXpert PC^GeneXpert^1.0||||GX||P|1394-97|20221202121345  
.P|1||||||||||||||||||||||||||||||||  
.O|1|Invalid|^HIVVL|R|20221115225410||||||ORH|||||||F  
.R|1|^HIVVL^Xpert HIV-1 Viral Load XC^3^|INVALID^|copies/mL|40.00 to  
10000000.00|A||F||<None>|20221115225410|20221116002406|MSEDGEWIN10^810085^702922^992008592^12902^20230618  
.R|2|^HIVVL^Xpert HIV-1 Viral Load XC^3^LOG|^|copies/mL|1.60 to

```
7.00|A||F||<None>|20221115225410|20221116002406|MSEEDGEWIN10^810085^702922^992008592^12902^20230618
.R|3|^HIVVL^HIV-1^|INVALID^||
.R|4|^HIVVL^HIV-1^Ct|^0.0||
.R|5|^HIVVL^HIV-1^EndPt|^1.0||
.R|6|^HIVVL^HIV-1^Delta Ct|^||
.R|7|^HIVVL^IQS-H^|FAIL^||
.R|8|^HIVVL^IQS-H^Ct|^0.0||
.R|9|^HIVVL^IQS-H^EndPt|^40.0||
.R|10|^HIVVL^IQS-H^Delta Ct|^||
.R|11|^HIVVL^IQS-L^|FAIL^||
.R|12|^HIVVL^IQS-L^Ct|^0.0||
.R|13|^HIVVL^IQS-L^EndPt|^16.0||
.R|14|^HIVVL^IQS-L^Delta Ct|^||
.L|1|N.
```

## 2.1.2 Example HL7 Upload Messages

### HIV-1 DETECTED <40 copies/mL

```
MSH|^~\&|GeneXpert PC^GeneXpert^1.0||GX||20221202113740||ORU^R32^ORU_R30|URM-mIDWUTYA-04|P|2.5
PID|1|||^^^||
ORC|RE|1|||20221115035816
OBR|1||HIVVL|||||||||||||F
TQ1|||||20221115035816|20221115052812|R
OBX|1|ST|&HIVVL&Xpert HIV-1 Viral Load XC&3||DETECTED^|copies/mL|40.00-
10000000.00|<||F|||^<None>||20230618~12902~992008573~702922~810085~MSEEDGEWIN10
OBX|2|ST|&HIVVL&Xpert HIV-1 Viral Load XC&3|LOG|^|copies/mL|1.60-
7.00|<||F|||^<None>||20230618~12902~992008573~702922~810085~MSEEDGEWIN10
OBX|3|ST|&HIVVL|HIV-1|POS^||
OBX|4|ST|&HIVVL|HIV-1&Ct|^38.4||
OBX|5|ST|&HIVVL|HIV-1&EndPt|^257.0||
OBX|6|ST|&HIVVL|HIV-1&Delta Ct|^11.7||
OBX|7|ST|&HIVVL|IQS-H|PASS^||
```

OBX|8|ST|&HIVVL|IQS-H&Ct|^22.4||  
OBX|9|ST|&HIVVL|IQS-H&EndPt|^960.0||  
OBX|10|ST|&HIVVL|IQS-H&Delta Ct|^||  
OBX|11|ST|&HIVVL|IQS-L|PASS^||  
OBX|12|ST|&HIVVL|IQS-L&Ct|^31.9||  
OBX|13|ST|&HIVVL|IQS-L&EndPt|^153.0||  
OBX|14|ST|&HIVVL|IQS-L&Delta Ct|^||  
SPM|1|HIV-1 30cp^||ORH|||||P

**HIV-1 DETECTED XX copies/mL (log X.XX)**

MSH|^~\&|GeneXpert PC^GeneXpert^1.0||GX||20221202113426||ORU^R32^ORU\_R30|URM-6sTVUTYA-03|P|2.5  
PID|1||||^|||||  
ORC|RE|1|||||20221115071014  
OBR|1||HIVVL|||||||||||||F  
TQ1|||||20221115071014|20221115084008|R  
OBX|1|ST|&HIVVL&Xpert HIV-1 Viral Load XC&3|^1009.64|copies/mL|40.00-  
10000000.00|N||F|||||^<None>||20230618~12902~992008587~702922~810085~MSEEDGEWIN10  
OBX|2|ST|&HIVVL&Xpert HIV-1 Viral Load XC&3|&LOG|^3.00|copies/mL|1.60-  
7.00|N||F|||||^<None>||20230618~12902~992008587~702922~810085~MSEEDGEWIN10  
OBX|3|ST|&HIVVL|HIV-1|POS^||  
OBX|4|ST|&HIVVL|HIV-1&Ct|^33.0||  
OBX|5|ST|&HIVVL|HIV-1&EndPt|^773.0||  
OBX|6|ST|&HIVVL|HIV-1&Delta Ct|^~6.2||  
OBX|7|ST|&HIVVL|IQS-H|PASS^||  
OBX|8|ST|&HIVVL|IQS-H&Ct|^22.3||  
OBX|9|ST|&HIVVL|IQS-H&EndPt|^911.0||  
OBX|10|ST|&HIVVL|IQS-H&Delta Ct|^||  
OBX|11|ST|&HIVVL|IQS-L|PASS^||  
OBX|12|ST|&HIVVL|IQS-L&Ct|^32.1||  
OBX|13|ST|&HIVVL|IQS-L&EndPt|^144.0||  
OBX|14|ST|&HIVVL|IQS-L&Delta Ct|^||  
SPM|1|HIV-1 1E3cp^||ORH|||||P

**HIV-1 DETECTED > 1 × 10<sup>7</sup> copies/mL**



MSH|^~\&|GeneXpert PC^GeneXpert^1.0||GX||20221202113836||ORU^R32^ORU\_R30|URM-P3QWUTYA-05|P|2.5  
PID|1||||^^^|||||  
ORC|RE|1|||||20221115020928  
OBR|1|||HIVVL|||||||||||||||F  
TQ1|||||20221115020928|20221115033925|R  
OBX|1|ST|&HIVVL&Xpert HIV-1 Viral Load XC&3||DETECTED^|copies/mL|40.00-  
1000000.00|>||F||||^<None>||20230618~12902~992008591~702922~810085~MSEDGEWIN10  
OBX|2|ST|&HIVVL&Xpert HIV-1 Viral Load XC&3|&LOG|^|copies/mL|1.60-  
7.00|>||F||||^<None>||20230618~12902~992008591~702922~810085~MSEDGEWIN10  
OBX|3|ST|&HIVVL|HIV-1|POS^|||  
OBX|4|ST|&HIVVL|HIV-1&Ct|^19.0||  
OBX|5|ST|&HIVVL|HIV-1&EndPt|^1015.0||  
OBX|6|ST|&HIVVL|HIV-1&Delta Ct|^7.5|||  
OBX|7|ST|&HIVVL|IQS-H|PASS^|||  
OBX|8|ST|&HIVVL|IQS-H&Ct|^22.1||  
OBX|9|ST|&HIVVL|IQS-H&EndPt|^845.0||  
OBX|10|ST|&HIVVL|IQS-H&Delta Ct|^|||  
OBX|11|ST|&HIVVL|IQS-L|PASS^|||  
OBX|12|ST|&HIVVL|IQS-L&Ct|^31.7||  
OBX|13|ST|&HIVVL|IQS-L&EndPt|^160.0||  
OBX|14|ST|&HIVVL|IQS-L&Delta Ct|^|||  
SPM|1|HIV-1 1E7^||ORH|||||P

**HIV-1 NOT DETECTED**

MSH|^~\&|GeneXpert PC^GeneXpert^1.0||GX||20221202123400||ORU^R32^ORU\_R30|URM-6M8iUTYA-01|P|2.5  
.PID|1||||^^^|||||  
.ORC|RE|1|||||20221115053344  
.OBR|1|||HIVVL|||||||||||||||F  
.TQ1|||||20221115053344|20221115070340|R  
.OBX|1|ST|&HIVVL&Xpert HIV-1 Viral Load XC&3||NOT DETECTED^|copies/mL|40.00-  
1000000.00|A||F||||^<None>||20230618~12902~992008600~702922~810085~MSEDGEWIN10  
.OBX|2|ST|&HIVVL&Xpert HIV-1 Viral Load XC&3|&LOG|^|copies/mL|1.60-  
7.00|A||F||||^<None>||20230618~12902~992008600~702922~810085~MSEDGEWIN10  
.OBX|3|ST|&HIVVL|HIV-1|NEG^|||  
.OBX|4|ST|&HIVVL|HIV-1&Ct|^0.0||

.OBX|5|ST|&HIVVL|HIV-1&EndPt|^3.0||  
.OBX|6|ST|&HIVVL|HIV-1&Delta Ct|^||  
.OBX|7|ST|&HIVVL|IQS-H|PASS^||  
.OBX|8|ST|&HIVVL|IQS-H&Ct|^22.3||  
.OBX|9|ST|&HIVVL|IQS-H&EndPt|^988.0||  
.OBX|10|ST|&HIVVL|IQS-H&Delta Ct|^||  
.OBX|11|ST|&HIVVL|IQS-L|PASS^||  
.OBX|12|ST|&HIVVL|IQS-L&Ct|^31.9||  
.OBX|13|ST|&HIVVL|IQS-L&EndPt|^155.0||  
.OBX|14|ST|&HIVVL|IQS-L&Delta Ct|^||  
.SPM|1|HIV-1 Negative^||ORH|||||P.

**ERROR**

MSH|^~\&|GeneXpert PC^GeneXpert^1.0||GX||20221202120610||ORU^R32^ORU\_R30|URM-lekcUTYA-01|P|2.5  
.PID|1||||^^^||||  
.ORC|RE|1|||||20221116010119  
.OBR|1|||HIVVL|||||||||||||F  
.TQ1|||||20221116010119|20221116010605|R  
.OBX|1|ST|&HIVVL&Xpert HIV-1 Viral Load XC&3||ERROR^|copies/mL|40.00-  
1000000.00|A||F|||||^<None>||20230618~12902~992008588~702922~810085~MSEDGEWIN10  
.NTE|1|L|Error^2097^Operation terminated^Error 2097: Assay-Specific Termination Error #2: 47, 8, 1, 0^20221116010549  
.OBX|2|ST|&HIVVL&Xpert HIV-1 Viral Load XC&3|&LOG|^|copies/mL|1.60-  
7.00|A||F|||||^<None>||20230618~12902~992008588~702922~810085~MSEDGEWIN10  
.NTE|1|L|Error^2097^Operation terminated^Error 2097: Assay-Specific Termination Error #2: 47, 8, 1, 0^20221116010549  
.OBX|3|ST|&HIVVL|HIV-1|NO RESULT^||  
.OBX|4|ST|&HIVVL|HIV-1&Ct|^0.0||  
.OBX|5|ST|&HIVVL|HIV-1&EndPt|^0.0||  
.OBX|6|ST|&HIVVL|HIV-1&Delta Ct|^||  
.OBX|7|ST|&HIVVL|IQS-H|NO RESULT^||  
.OBX|8|ST|&HIVVL|IQS-H&Ct|^0.0||  
.OBX|9|ST|&HIVVL|IQS-H&EndPt|^0.0||  
.OBX|10|ST|&HIVVL|IQS-H&Delta Ct|^||  
.OBX|11|ST|&HIVVL|IQS-L|NO RESULT^||  
.OBX|12|ST|&HIVVL|IQS-L&Ct|^0.0||  
.OBX|13|ST|&HIVVL|IQS-L&EndPt|^0.0||

```
.OBX|14|ST|&HIVVL|IQS-L&Delta Ct|^||  
.SPM|1|Error^||ORH|||||P
```

**INVALID**

```
MSH|^~\&|GeneXpert PC^GeneXpert^1.0||GX||20221202113244||ORU^R32^ORU_R30|URM-pv6UUTYA-02|P|2.5  
PID|1||||^|||||  
ORC|RE|1|||||20221115225410  
OBR|1||HIVVL|||||||||||||F  
TQ1|||||20221115225410|20221116002406|R  
OBX|1|ST|&HIVVL&Xpert HIV-1 Viral Load XC&3||INVALID^|copies/mL|40.00-  
1000000.00|A||F|||||^<None>||20230618~12902~992008592~702922~810085~MSEDGEWIN10  
OBX|2|ST|&HIVVL&Xpert HIV-1 Viral Load XC&3|&LOG|^|copies/mL|1.60-  
7.00|A||F|||||^<None>||20230618~12902~992008592~702922~810085~MSEDGEWIN10  
OBX|3|ST|&HIVVL|HIV-1||INVALID^||  
OBX|4|ST|&HIVVL|HIV-1&Ct|^0.0||  
OBX|5|ST|&HIVVL|HIV-1&EndPt|^1.0||  
OBX|6|ST|&HIVVL|HIV-1&Delta Ct|^||  
OBX|7|ST|&HIVVL|IQS-H|FAIL^||  
OBX|8|ST|&HIVVL|IQS-H&Ct|^0.0||  
OBX|9|ST|&HIVVL|IQS-H&EndPt|^40.0||  
OBX|10|ST|&HIVVL|IQS-H&Delta Ct|^||  
OBX|11|ST|&HIVVL|IQS-L|FAIL^||  
OBX|12|ST|&HIVVL|IQS-L&Ct|^0.0||  
OBX|13|ST|&HIVVL|IQS-L&EndPt|^16.0||  
OBX|14|ST|&HIVVL|IQS-L&Delta Ct|^||  
SPM|1|Invalid^||ORH|||||P
```

**2.1.3 Example ASTM Download Messages**

**Successful order download.**

**Query message**

```
H|^@\|GXM-85532388487||GeneXpert PC^GeneXpert^6.3||||LIS||P|1394-97|20220621154256  
Q|1|^SID1^||^|||||O@N  
L|1|N
```



### 3 Observation Language Translations Table

The table below provides a consolidated translation of the analyte value strings for all the languages supported by the GeneXpert System.

#	Language	DETECTED	NOT DETECTED	Error	Invalid	No Result
1	English	DETECTED	NOT DETECTED	ERROR	INVALID	NO RESULT
2	French	DÉTECTÉ	NON DÉTECTÉ	ERREUR	NON VALIDE	PAS DE RÉSULTAT
3	German	ERMITTELT	NICHT ERMITTELT	FEHLER	UNGÜLTIG	KEIN ERGEBNIS
4	Spanish	DETECTADO	NO DETECTADO	INCERTO	INDETERMINADA	SIN RESULTADO
5	Italian	RILEVATO	NON RILEVATO	ERRORE	INVALIDO	NESSUN RISULTATO
6	Portuguese	DETETADO	NÃO DETETADO	NON VALIDO	INVÁLIDO	SEM RESULTADO
7	Russian	ОБНАРУЖЕН	НЕ ОБНАРУЖЕН	ОШИБКА	НЕДЕЙСТВИТЕЛЬНЫЙ	НЕТ РЕЗУЛЬТАТА
8	Ukrainian	ВІЯВЛЕНО	НЕ ВІЯВЛЕНО	НЕДІЙСНИЙ	НЕДІЙСНИЙ	НЕМАЄ РЕЗУЛЬТАТУ
9	Japanese	DETECTED	NOT DETECTED	ERROR	INVALID	NO RESULT