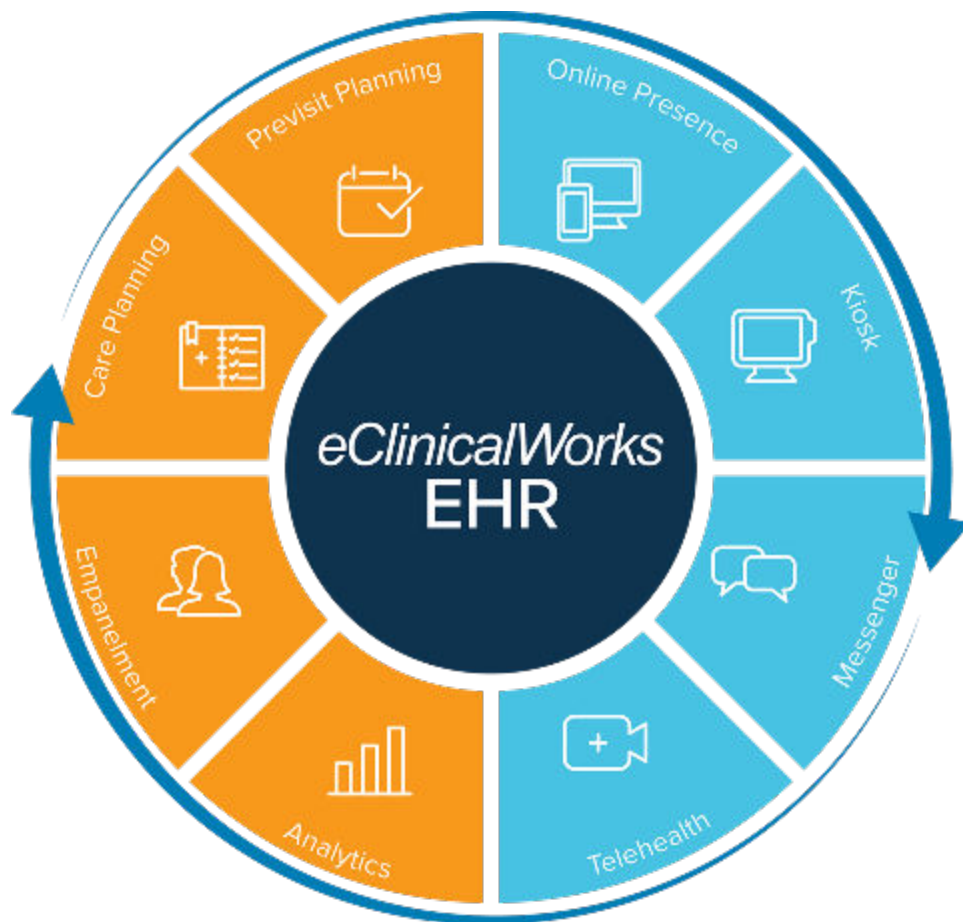


eClinicalWorks

HL7 LAB RESULT SPECIFICATIONS

V 2.5.1 - August 2021



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HL7 LAB RESULT SPECIFICATIONS

The HL7 results specifications described in this section for eClinicalWorks are:

- Transaction Structure
- Message Delimiters
- Conventions
- MSH — Message Header Segment
- PID – Patient Identification
- PV1 – Patient Visit
- ORC – Common Order Segment
- OBR – Observation Request Segment
- OBX — Observation/Result Segment
- NTE – Notes And Comments
- SPM – Specimen Information Segment
- Sample Lab Message
- Sample Microbiology Culture (Parent/Child)Message
- Sample Pathology Message

Transaction Structure

Name	Description	Comments
MSH	Message Header	This segment should always be present in the ORU message.
PID	Patient Identification	There should be a PID segment to give the patient demographic information.
PV1	Patient Visit	The PV1 segment, if present, will be used for determining the Physician Information.
ORC	Common Order	If present, there is only one ORC segment in the ORU message.
OBR	Observation Request	Order level information is retrieved from this segment and is a required segment.
TQ1	Time & Quantity	The TQ1 segment is used to specify the timings of events and actions (Optional – No data extracted from this segment).
OBX	Observation Result	Result level information is retrieved from this segment.
NTE	Notes and Comments	The NTE segment contains the Comments for the order. NTE segments can be received at either the PID, OBR, or OBX levels.

Name	Description	Comments
SPM	Specimen Information	Describes the characteristics of the specimen collected.

Message Delimiters

Character Function	Character
Segment Terminator	<CR> LF
Field Separator	(pipe)
Component Separator	^ (caret)
Repetition Separator	~ (tilde)

Conventions

Character Function	Character
Required field – this should always be sent	R
Optional field – this info will be processed if available	O
Not Supported	N
Conditional – Valued only under certain conditions	C

MSH - Message Header Segment

The Message Header (MSH) segment defines the intent, source, destination, and some specifics of the syntax of a message:

Field Name	Seg. Name	Comment	Len	R/O
Segment Type ID	MSH.00	MSH	3	R
Encoding Characters	MSH.01	^~\&	4	R
Sending Application	MSH.02	Sending Application	30	O
Sending Facility	MSH.03	Sending Facility	30	O
Receiving Application	MSH.04	Receiving Application	30	O
Receiving Facility	MSH.05	Receiving Facility	30	O

Field Name	Seg. Name	Comment	Len	R/O
Message Date & Time	MSH.06	Format: YYYYMMDDHHMMSS-Offset (+/-ZZZZ)	19	R
Security	MSH.07	Not Supported		N
Message Type	MSH.08	ORU^R01^ORU_R01		R
Message Control ID	MSH.09	A number that uniquely identifies the message		O
Processing ID	MSH.10	P-Production T-Test	1	O
Version ID	MSH.11	2.5.1	5	R
Accept Acknowledgement	MSH.14	AL	2	R
Application Acknowledgement	MSH.15	NE	2	R
Message Profile Identifier	MSH.20	LRI_Common_Component^^2.16.840.1.113883.9.16^ISO~LRI_NG_Component^^2.16.840.1.113883.9.13^ISO~LRI_RU_Component^^2.16.840.1.113883.9.14^ISO		O

MSH - Sample Output

```
MSH|^~\&|LAB|Lab Facility||EMR Facility|20141031140551-
0500||ORU^R01^ORU_R01|4392933|T|2.5.1||AL|NE||||LRI_Common_Component^^2.16.840.1
.113883.9.16^ISO~LRI_NG_Component^^2.16.840.1.113883.9.13^ISO~LRI_RU_Component^^2.
16.840.1.113883.9.14^ISO
```

PID - Patient Identification

The Patient Identifier (PID) segment is used by all applications as the primary means of communicating patient identification information. This segment contains permanent patient identifying and demographic information that, for the most part, is not likely to change frequently:

Field Name	Seg. Name	Comment	Len	R/O
Segment Type ID	PID.00	PID	3	R
Sequence Number	PID.01	Serial Number starting from 1	4	R
Patient ID (Internal ID)	PID.02	Patient ID	20	O

Field Name	Seg. Name	Comment	Len	R/O
Patient ID List (External ID)	PID.03	Patient MRN 20^^^Assigning Authority^Type Code	20	O
Alternate Patient ID	PID.04	eClinicalWorks Patient Account Number	20	O
Patient Name	PID.05	Last Name 60^First Name 60^MI 60	180	R
Mother's Maiden Name	PID.06	Not Supported		N
Date of Birth	PID.07	YYYYMMDD	8	R
Sex	PID.08	F - Female M - Male U - Unknown	1	O
Patient Alias	PID.09	Not Supported		N
Race	PID.10	Race Code^Race Text^HL7005		O
Patient Address	PID.11	Addr1 60^Addr2 50^City 25^ State 10^Zip 12	161	O
County Code	PID.12	Not Supported		N
Phone # - Home	PID.13	NNNNNNNNNN	10	O
Phone # - Business	PID.14	Not Supported		N
Primary Language	PID.15	Not Supported		N
Marital Status	PID.16	Not Supported		N
Religion	PID.17	Not Supported		N
Patient Account Number	PID.18	eClinicalWorks Patient Account Number	20	O
SSN# - Patient	PID.19	NNNNNNNNNN	9	O

PID - Sample Output

```
PID|1||PATID1234^^^NIST MPI^MR||DOE^JOHN||19650712|M||2106-3^White^HL70005
```

PV1 - Patient Visit

The PV1 segment is used to communicate information on a visit-specific basis and is not a required segment for the ORU Message:

Field Name	Seg. Name	Comment	Len	R/O
Segment Type ID	PV1.00	PV1	3	R
Sequence Number	PV1.01	Serial Number starting from 1	4	R
Patient Class	PV1.02	Not Supported		N
Assigned Patient Location	PV1.03	Account Number		O
Admission Type	PV1.04	Not Supported		N
Pre-admit Number	PV1.05	Not Supported		N
Prior Patient Location	PV1.06	Not Supported		N
Attending Doctor	PV1.07	Provider Code 20^Last Name 60^FirstName 60^MI 60	200	R
Referring Provider	PV1.08	Provider Code 20^Last Name 60^FirstName 60^MI 60	200	O
Visit ID	PV1.19	Customer Specific Accessioning	11	O

PV1 - Sample Output

```
PV1|1|||110011|||C9999^WILLIS^SAM^L|G8888^JONES^MARTHA| |||||38808
```

ORC - Common Order Segment

The Common Order (ORC) segment is used to receive fields that are common to all results in a given message (all types of services that are requested). The ORC segment is not required in the ORU message.

Field Name	Seg. Name	Comment	Len	R/O
Segment Type ID	ORC.00	ORC	3	R
Order Control	ORC.01	RE	2	R

Field Name	Seg. Name	Comment	Len	R/O
Place Order Number	ORC.02	Entity Identifier^Namespace ID	11	O
Filler Order Number	ORC.03	Not Supported		N
Placer Group Number	ORC.04	Not Supported		N
Order Status	ORC.05	Not Supported		N
Response Flag	ORC.06	Not Supported		N
Quantity/Timing	ORC.07	Not Supported		N
Parent	ORC.08	Not Supported		N
Date/Time of Transaction	ORC.09	YYYYMMDDHHMMSS-offset		O
Entered By	ORC.10	Not Supported		N
Verified By	ORC.11	Not Supported		N
Ordering Provider	ORC.12	Provider Code 20^Last Name 60^FirstName 60 ^MI 60	200	R

ORC - Sample Output

```
ORC|RE|ORD666555^NIST EHR|R-991133^NIST Lab Filler|GORD874233^NIST
EHR|||||||C9999^WILLIS^SAM
```

OBR - Observation Request Segment

At least one OBR segment should be present for each Order Code associated with any PID segment. This segment is mandatory in ORU messages:

Field Name	Seg. Name	Comment	Len	R/O
Segment Type ID	OBR.00	OBR	3	R
Sequence No	OBR.01	Serial Number starting from 1	4	R
Placer Order Number	OBR.02	Entity Identifier^Namespace ID	20	R
Filler Order Number	OBR.03	Vendor Specimen ID ^Namespace ID	20	R
Observation Battery Identifier	OBR.04	LOINC^LOINC Description^LN^ Test Code 20^TestName 255^99 or L		R

Field Name	Seg. Name	Comment	Len	R/O
LOINC Code (Order)	OBR.4.00	LOINC® for Order		O
LOINC Description	OBR.4.01	LOINC Description		O
Name of Coding System	OBR.4.02	LN		O
Alternate Identifier	OBR.4.03	Unique Order Code		R
Alternate Description	OBR.4.04	Order Description		R
Name of Alternate Coding System	OBR.4.05	99 or L		R
Priority	OBR.05	Not Supported		N
Requested Date/Time	OBR.06	Not Supported		N
Observation/Specimen Collection Date/Time #	OBR.07	YYYYMMDDHHMMSS-Offset		R
Observation End Date/Time #	OBR.08	Not Supported		N
Collection Volume	OBR.09	Not Supported		N
Collector Identifier	OBR.10	Not Supported		N
Specimen Action Code	OBR.11	L - Standard G - Child OBR/Reflex Result		C
Danger Code	OBR.12	Not Supported		N
Relevant Clinical Information	OBR.13	Clinical Information	20	O
Specimen Received Date/Time	OBR.14	Not Supported		N
Ordering Provider	OBR.16	Provider Code 20^Last Name 60^FirstName 60 ^MI 60	200	R
Alternate Specimen ID	OBR.18	Not Supported		N
Result Date/Time #	OBR.22	Result Date/Time # Format YYYYMMDDHHMMSS-Offset		R
Result Status	OBR.25	P - Preliminary F - Final C - Corrected X - Canceled	1	R
Parent Result	OBR.26	LOINC of Parent Observation Identifier & LOINC Description of Parent		C

Field Name	Seg. Name	Comment	Len	R/O
(Required if OBR.11 is G)		Observation Identifier & LN & Order Code of Parent Observation Identifier & Test Name of Parent Observation Identifier & L^Parent Observation ID ^ Parent Organism Name		
Parent Observation Identifier	OBR.26.0.0	LOINC of Parent Observation Identifier (OBX 3.0)		O
Identifier	OBR.26.0.1	LOINC Description of Parent Observation Identifier (OBX 3.1)		O
Coding System Name	OBR.26.0.2	LN (OBX 3.2)	2	O
Alternate Identifier	OBR.26.0.3	Order Code of Parent Observation Identifier (OBX 3.3)	20	O
Alternate Text	OBR.26.0.4	Test Description of Parent Observation Identifier (OBX 3.4)		O
Alternate Coding System Name	OBR.26.0.5	L or 99 (OBX 3.5)		O
Parent Observation Sub Identifier	OBR.26.1.0	For Microbiology this is the Numeric Value from OBX.4 (Observation Sub-ID) of the Organism ID as reported earlier in the same transaction		C
Courtesy Copies To	OBR.28	CC List ~ separated Provider Code 20^Last Name 60^FirstName 60 ^MI 60	140	O
Link to Parent Order	OBR.29	Parent placer # (OBR2)^Parent Filler # (OBR3)		C
Parent Universal Service Identifier (Required if OBR.11 is G)	OBR.50	Parent LOINC^Parent LOINC Description^LN^ Parent Test Code 20^Parent Test Name 255^99 or L		C

OBR – Sample Output

```
OBR|1|ORD666555^NIST EHR|R-991133^NIST Lab Filler|57021-8^CBC W Auto Differential panel in Blood^LN^4456544^CBC^99|||20140103143428-0800||||L||||C9999^WILLIS^SAM|||||20140104170028-0800|||F|||10093^DeLuca^Naddy|||||||||||||||||
```

OBX - Observation/Result Segment

This is a required segment. It contains the values corresponding to the results:

Field Name	Seg. Name	Comment	Len	R/O
Segment Type ID	OBX.00	OBX	3	R
Sequence Number	OBX.01	Serial Number starting from 1	4	R
Type Value	OBX.02	CE - Coded entry NM - Numeric ST - String Data TX - Text FT - Free Text CWE - Coded With Exceptions (For Micro Susceptibility Only)	3	R
Observation Identifier	OBX.03	LOINC^LOINC Description^LN^ Test Code^TestName^99 or L		R
	OBX.03.0	LOINC Code		O
	OBX.03.1	LOINC Description		O
	OBX.03.2	LN	2	R
	OBX.03.3	Result Code	20	R
	OBX.03.4	Result Name	255	R
	OBX.03.5	L or 99	2	R
Observation Sub-ID	OBX.04	Parent Organism Name/ID (For MicroResults only)		C
		Note: This value is equivalent to the value in OBR26.1 of the Child Susceptibility (Reflex Result)		
Observation Value	OBX.05	Observation Value	200	R
	OBX.05.0	Observation Value taken for all data types except CWE (see below)		R
	OBX.05.1	For data type CWE only: Observation value		C
Units	OBX.06	Units	15	R
References Range	OBX.07	Reference Range	40	R

Field Name	Seg. Name	Comment	Len	R/O
Abnormal Flags	OBX.08	Sample Values: L - Below normal H - Above normal LL - Alert low HH - Alert high N - Normal Value	2	R
Observation Result Status	OBX.11	P - Preliminary F - Final C - Corrected X - Canceled	1	O
Date Last Observation NormalValues	OBX.12	Not Supported		N
User Defined Access Checks	OBX.13	Not Supported		N
Date/Time of the Observation	OBX.14	Not Supported		N
Producer's ID	OBX.15	CODE		N
Performing Organization Name	OBX.23	Performing Lab Name		
	OBX.23.0	Performing Lab Name		O
	OBX.23.6	Performing Lab Type Code		O
	OBX.23.9	Performing Lab Identifier/Mnemonic		O
Performing Organization Address	OBX.24	Address1^Address2^City^State^ Zip^Country^^Country Code		O
Performing Organization Medical Director	OBX.25	ID#^Last Name^First Name^MI^Suffix^Prefix^^Name Space^NameTypeCode^^ TypeCode		O

OBX - Sample Output

```
OBX|1|NM|22314-9^Hepatitis A virus IgM Ab [Presence] in
Serum^LN^HEPAM^Hepatitis A virus IgM Ab^L|1|>4|ug/mL^micrograms per
milileter^UCUM|<4.0|H^Above high normal^HL70078|||F|||20130402030000-
0700|||20130404150757-0700|||Westborough Hospital|250 S WILLIAMS
BLVD^^TUCSON^AZ^85711^USA|4364^JONES^PHILIP^R^^Dr^^NIST-AA-1^L^^DN
```

NTE - Notes and Comments

The Notes and Comments (NTE) segment contains notes and comments for the lab results, and is an optional segment:

Field Name	Seg. Name	Comment	Len	R/O
Segment Type ID	NTE.00	NTE	3	R
Sequence Number	NTE.01	Serial Number starting from 1	4	R
Source of Comment	NTE.02	Source of Comment	8	O
Comment	NTE.03	Comment	255	R

NTE - Sample Output

```
NTE|1| |NON-FASTING
```

SPM - Specimen Information Segment

The Specimen Information Segment (SPM) describes the characteristics of a single sample. The SPM segment contains information regarding the type of specimen, where and how it was collected, who collected it, and some basic characteristics of the specimen:

Field Name	Seg. Name	Comment	Len	R/O
Segment Type ID	SPM.00	SPM	3	R
Set ID	SPM.01	1	1	R
Specimen Type	SPM.04	Specimen Code^Specimen Type		O
Specimen Received Date/Time	SPM.18	YYYYMMDDHHMMSS-Offset		O
Specimen Reject Reason	SPM.21	Specimen reject identifier ^ Specimenreject text		O

SPM - Sample Output

```
SPM|1||BLD^Blood|||||20140402033000-0700|||QNS^Quantity Not Sufficient
```

Sample Lab Message

MSH|^~\&|NIST Test Lab APP|NIST Lab Facility||NIST EHR Facility|20110531140551-0500||ORU^R01^ORU_R01|NIST-LRI-NG-002.00|T|2.5.1|||AL|NE|||LRI_Common_Component^^2.16.840.1.113883.9.16^ISO~LRI_NG_Component^^2.16.840.1.113883.9.13^ISO~LRI_RU_Component^^2.16.840.1.113883.9.14^ISO

PID|1||PATID1234^^^NIST MPI^MR||SMITH^JOHN||19650712|M||2106-3^White^HL70005

ORC|RE|ORD666555^NIST EHR|R-991133^NIST Lab Filler|GORD874233^NIST EHR|||||WSAM^Willis^Sam^^^^^NIST-AA-1^L^^^NPI

OBR|1|ORD666555^NIST EHR|R-991133^NIST Lab Filler|57021-8^CBC W Auto Differential panel in Blood^LN^4456544^CBC^99|||20110103143428-0800|||||WSAM^Willis^Sam^^^^^NIST-AA-1^L^^^NPI|||||20110104170028-0800|||F|||10093^Deluca^Naddy^^^^^NIST-AA-1^L^^^NPI|||||

OBX|1|NM|26453-1^Erythrocytes [# /volume] in Blood^LN^7849^Erythrocytes^L||4.41|10*6/uL^million per microliter^UCUM|4.3 to 6.2|N|||F|||20110103143428-0800|||||20110103163428-0800|||||Century Hospital^^^^^NIST-AA-1^XX^^^CH|2070 Test Park^^Los Angeles^CA^90067^^^^B|2343242^Jones^Phillip^^^Dr.^^^NIST-AA-1^L^^^DN

OBX|2|NM|718-7^Hemoglobin [Mass/volume] in Blood^LN^9030^Hemoglobin|12.5|g/mL^grams per milliliter^UCUM|13 to 18|L|||F|||20110103143428-0800|||||20110103163428-0800|||||Century Hospital^^^^^NIST-AA-1^XX^^^CH|2070 Test Park^^Los Angeles^CA^90067^^^^B|2343242^Jones^Phillip^^^Dr.^^^NIST-AA-1^L^^^DN

OBX|3|NM|20570-8^Hematocrit [Volume Fraction] of Blood^LN^8394^Hematocrit||46|%^percent^UCUM|45 to 65|N|||F|||20110103143428-0800|||||20110103163428-0800|||||Century Hospital^^^^^NIST-AA-1^XX^^^CH|2070 Test Park^^Los Angeles^CA^90067^^^^B|2343242^Jones^Phillip^^^Dr.^^^NIST-AA-1^L^^^DN

OBX|4|CWE|10378-8^Polychromasia [Presence] in Blood by Light microscopy^LN^3284^Polychromasia||260415000^not detected^SCT^^^^^None seen|||N|||F|||20110103143428-0800|||||20110103163428-0800|||||Century Hospital^^^^^NIST-AA-1^XX^^^CH|2070 Test Park^^Los Angeles^CA^90067^^^^B|2343242^Jones^Phillip^^^Dr.^^^NIST-AA-1^L^^^DN

OBX|5|TX|6742-1^Erythrocyte morphology finding [Identifier] in Blood^LN^0283^Erythrocyte morphology||Many spherocytes present. |||A|||F|||20110103143428-0800|||||20110103163428-0800|||||Century Hospital^^^^^NIST-AA-1^XX^^^CH|2070 Test Park^^Los Angeles^CA^90067^^^^B|2343242^Jones^Phillip^^^Dr.^^^NIST-AA-1^L^^^DN

SPM|1|||BLD^Blood|||||20110103143428-0800

Sample Microbiology Culture (Parent/Child) Message

MSH|^~\&|NIST Test Lab APP|NIST Lab Facility|NIST EHR
 Facility|20140805140551-0500||ORU^R01^ORU_R01|NIST-LRI-NG-
 002.00|T|2.5.1|||AL|NE|||LRI_Common_Component^^2.16.840.1.113883.9.16^ISO~LRI_NG
 Component^^2.16.840.1.113883.9.13^ISO~LRI_RU_Component^^2.16.840.1.113883.9.14^ISO

PID|1||PATID1234^^^NIST MPI^MR||SMITH^JOHN||19650712|M||2106-3^White^HL70005

ORC|RE|4206304^NIST EHR|R-991133^NIST Lab Filler|GORD874233^NIST
 EHR|||||WSAM^Willis^Sam^^^^^NIST-AA-1^L^^^NPI

OBX|1|4206304|R-991133^NIST Lab Filler|^WNSC^WOUND
 SUPERFICIALCULTURE^L|||20140805145600|^L|SETUP
 SATE/TIME:^201408061611|||WSAM^Willis^Sam^^^^1033122940^ANDRJ
 ^SQ_LAB^L^^DN|^166834|||201408071604||MC|F|||||

OBX|1|CWE|664-3^GRAM STN XXX^LN^GS^Gram Stain^L|1.1|FEW^Few
 (2+)|||||F|||20140805145600|BIMC^BIMC|WSAM^Willis^Sam |^^^^|20140806161802|||

OBX|2|CWE|664-3^GRAM STN XXX^LN^GS^Gram Stain^L|1.2|GPCCL^gram positive cocci in
 clusters^L^^gram positive cocci in clusters|||||F|||
 20140805145600|BIMC^BIMC|WSAM^Willis^Sam |^^^^|20140806161802|||

OBX|3|CWE|664-3^GRAM STN XXX^LN^GS^Gram Stain^L|2.1|M3^Moderate (3+) ^L^^Moderate
 (3+) |||||F|||20140805145600|BIMC^BIMC|WSAM^Willis^Sam |^^^^|20140806161802|||

OBX|4|CWE|664-3^GRAM STN XXX^LN^GS^Gram Stain^L|2.2|GNB^gram negative
 bacilli^L^^gram negative
 bacilli|||||F|||20140805145600|BIMC^BIMC|WSAM^Willis^Sam
 |^^^^|20140806161802|||

OBX|5|CWE|11475-1^MICROORGANISM XXX
 CULT^LN^CULT^Culture^L|1.2|3092008^STAPHYLOCOCCUS AUREUS
 (ORGANISM) |||||F|||20140805145600|BIMC^BIMCf|WSAM^Willis^Sam
 |^^^^|20140806161802|||

OBX|6|CWE|11475-1^MICROORGANISM XXX CULT^LN^CULT^Culture^L|2.2|KLEPNE^Klebsiella
 pneumoniae|||||F|||20140805145600|BIMC^BIMC|WSAM^Willis^Sam
 |^^^^|20140806161802|||
 SPM|1||WND^WOUND|||||20140805145600|20140805161500|

OBR|2|4206304|R-991133^NIST Lab Filler|50545-3^BACTERIAL SUSC PNL ISLT
 MIC^LN^MIC^MIC (mcg/mL)^L|||20140805145600|^G|SETUP
 DATE/TIME:^201408061611|||WSAM^Willis^Sam^^^^1033122940^ANDRJ^SQ_LAB^L^^DN|^|
 166834|||201408071604||MC|F|11475-1&MICROORGANISM XXX

CULT&LN&CULT&Culture&L&&v1&Culture^1.2^Staphylococcus aureus
 |||4206304&&^T4685&Sunquest Test Lab&&|||||^^^WNSC^WOUND
 SUPERFICIAL CULTURE^L^^v1^WOUND SUPERFICIAL CULTURE

OBX|1|NM|116-4^CEFOXITIN ISLT MIC^LN^OXSF^Cefoxitin
 Screen^L|1.1|16||R||F|||20140805145600|BIMC^BIMC|170537^MAZARIEGOS^
 IRVING|50545-3^BACTERIAL SUSC PNL ISLT MIC^LN^MIC^MIC
 (mcg/mL)^L||20140806161802|||

```

OBX|2|CWE|116-4^CEFOXITIN ISLT MIC^LN^OXSF^Cefoxitin
Screen^L|1.2|POS^Positive|||||F|||20140805145600|BIMC^BIMC|170537^MAZARIEGOS^
IRVING|50545-3^BACTERIAL SUSC PNL ISLT MIC^LN^MIC^MIC
(mcg/mL)^L||20140806161802|||

OBX|3|NM|18906-8^CIPROFLOXACIN SUSC
ISLT^LN^CIP^Ciprofloxacin^L|1.1|8||||R|||F|||20140805145600|BIMC^BIMC|170537^MAZARI
EGOS^ IRVING|50545-3^BACTERIAL SUSC PNL ISLT MIC^LN^MIC^MIC
(mcg/mL)^L||20140806161802|||

OBX|4|CWE|18906-8^CIPROFLOXACIN SUSC
ISLT^LN^CIP^Ciprofloxacin^L|1.2|R^Resistant|||||F|||20140805145600|BIMC^BIMC|1705
37^MAZARIEGOS^ IRVING|50545-3^BACTERIAL SUSC PNL ISLT MIC^LN^MIC^MIC
(mcg/mL)^L||20140806161802|||

OBR|3| 4206304|R-991133^NIST Lab Filler|50545-3^BACTERIAL SUSC PNL ISLT
MIC^LN^MIC^MIC (mcg/mL)^L||20140805145600|||^G|SETUP
DATE/TIME:^201408061611|||WSAM^Willis^Sam^^^^1033122940^ANDRJ^SQ_LAB^L^^^DN|^|166
834|||201408071604||MC|F|11475-1^MICROORGANISM XXX

CULT&LN&CULT&Culture&L&&v1&Culture^2.2^Klebsiella pneumoniae ssp.
pneumoniae||4206304&&&T4685&Sunquest Test
Lab&|||||||||||||||||||||^WNSC^WOUND SUPERFICIAL CULTURE^L^v1^WOUND
SUPERFICIAL CULTURE

OBX|1|SN|12-5^AMIKACIN ISLT
MIC^LN^AN^Amikacin^L|1.1|<=0.03||||S|||F|||20140805145600|BIMC^BIMC|170537^MAZARIEG
OS^ IRVING|50545-3^BACTERIAL SUSC PNL ISLT MIC^LN^MIC^MIC (mcg/mL)^L||
20140806161802|

OBX|2|CWE|12-5^AMIKACIN ISLT
MIC^LN^AN^Amikacin^L|1.2|SS^Susceptible|||||F|||20140805145600|BIMC^BIMC|170537^M
AZARIEGOS^ IRVING|50545-3^BACTERIAL SUSC PNL ISLT MIC^LN^MIC^MIC
(mcg/mL)^L||20140806161802|||

OBX|3|SN|18864-9^Ampicillin Susc
Islt^LN^AM^Ampicillin^L|1.1|<=0.06||||S|||F|||20140805145600|BIMC^BIMC|170537^MAZAR
IEGOS^ IRVING|50545-3^BACTERIAL SUSC PNL ISLT MIC^LN^MIC^MIC
(mcg/mL)^L||20140806161802|||

OBX|4|CWE|18864-9^Ampicillin Susc
Islt^LN^AM^Ampicillin^L|1.2|SS^Susceptible|||||F|||20140805145600|BIMC^BIMC|17053
7^MAZARIEGOS^ IRVING|50545-3^BACTERIAL SUSC PNL ISLT MIC^LN^MIC^MIC
(mcg/mL)^L||20140806161802|||

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Sample Pathology Message

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MSH|^~\&|NIST Test Lab APP|NIST Lab Facility||NIST EHR Facility|201404140000-
0800||ORU^R01^ORU_R01|NIST-LRI-NG-
002.00|T|2.5.1||AL|NE||||LRI_Common_Component^^2.16.840.1.113883.9.16^ISO~LRI_NG
Component^^2.16.840.1.113883.9.13^ISO~LRI_RU_Component^^2.16.840.1.113883.9.14^ISO

PID|1||PATID|1234^^^NIST MPI^MR||SMITH^JOHN||19650712|M||2106-3^White^HL70005

ORC|RE|234555^NIST EHR|R-991133^NIST Lab Filler|GORD874233^NIST
EHR|||||WSAM^Willis^Sam^^^^^NIST-AA-1^L^^^NPI

OBR|1|234555|PRC084117|^CYT^Cytology^L||201404140000-0800|||L||201404140000-
0800||WSAM^Willis^Sam|||||201404140000||SP|F|

```


OBX|1|TX|^Report^Report^L|||||F|||201404140000-0800|||||201404140000-0800|||||Century Hospital^^^^NIST-AA-1^XX^^CH|2070 Test Park^^Los Angeles^CA^90067^^^B|2343242^Jones^Phillip^^Dr.^^NIST-AA-1^L^^DN

NTE|1||GYNECOLOGIC CYTOLOGY REPORT

NTE|2||

NTE|3||

NTE|4|| CLINICAL HISTORY: Annual gyn exam

NTE|5||

NTE|6||

NTE|7|| LMP/MENSTRUAL HISTORY: LMP: 01/25/08

NTE|8||

NTE|9||

NTE|10||SPECIMEN TYPE/SOURCE: Cytyc ThinPrep Pap - cervical

NTE|11||# OF SLIDES: 1

NTE|12|| SPM|1||CER^Cervical|||||||||201404140000-0800

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