

## Test Case Information

## NIST-LOI\_3.1\_1.1-GU\_FI - Lipid\_Panel

Test Case ID

LOI\_3.1\_1.1-GU\_FI

## MSH

Location	Data Element	Data	Categorization
<b>MSH.1</b>	<b>Field Separator</b>		IG Fixed Data
<b>MSH.2</b>	<b>Encoding Characters</b>	^~&#	IG Fixed Data
<b>MSH.3</b>	<b>Sending Application</b>		
MSH.3.1	Namespace ID	NIST EHR	Configurable Data
MSH.3.2	Universal ID	2.16.840.1.113883.3.72.5.22	Configurable Data
MSH.3.3	Universal ID Type	ISO	IG Fixed Data
<b>MSH.4</b>	<b>Sending Facility</b>		
MSH.4.1	Namespace ID	NIST EHR Facility	Configurable Data
MSH.4.2	Universal ID	2.16.840.1.113883.3.72.5.23	Configurable Data
MSH.4.3	Universal ID Type	ISO	IG Fixed Data
<b>MSH.5</b>	<b>Receiving Application</b>		
MSH.5.1	Namespace ID	NIST Test Lab APP	Configurable Data
MSH.5.2	Universal ID	2.16.840.1.113883.3.72.5.20	Configurable Data
MSH.5.3	Universal ID Type	ISO	IG Fixed Data
<b>MSH.6</b>	<b>Receiving Facility</b>		
MSH.6.1	Namespace ID	NIST Lab Facility	Configurable Data
MSH.6.2	Universal ID	2.16.840.1.113883.3.72.5.21	Configurable Data
MSH.6.3	Universal ID Type	ISO	IG Fixed Data
<b>MSH.7</b>	<b>Date/Time Of Message</b>		
MSH.7.1	Time	20130211184101-0500	System Generated
<b>MSH.9</b>	<b>Message Type</b>		
MSH.9.1	Message Code	OML	IG Fixed Data
MSH.9.2	Trigger Event	O21	IG Fixed Data
MSH.9.3	Message Structure	OML_O21	IG Fixed Data
<b>MSH.10</b>	<b>Message Control ID</b>	NIST-LOI_3.1_1.1-GU_FI	System Generated
<b>MSH.11</b>	<b>Processing ID</b>		
MSH.11.1	Processing ID	T	Changeable Data
<b>MSH.12</b>	<b>Version ID</b>		
MSH.12.1	Version ID	2.5.1	IG Fixed Data
<b>MSH.15</b>	<b>Accept Acknowledgment Type</b>	AL	IG Fixed Data
<b>MSH.16</b>	<b>Application Acknowledgment Type</b>	AL	Changeable Data
<b>MSH.21</b>	<b>Message Profile Identifier</b>		
MSH.21.1	Entity Identifier	LOI_Common_Component	Test Case Fixed Data
MSH.21.2	Namespace ID	LOI Base Profile	Changeable Data
MSH.21.3	Universal ID	2.16.840.1.113883.9.66	Test Case Fixed Data
MSH.21.4	Universal ID Type	ISO	IG Fixed Data
<b>MSH.21[2]</b>	<b>Message Profile Identifier</b>		
MSH.21[2].1	Entity Identifier	LOI_GU_Component	Test Case Fixed Data
MSH.21[2].2	Namespace ID	LOI GU Profile	Changeable Data
MSH.21[2].3	Universal ID	2.16.840.1.113883.9.78	Test Case Fixed Data
MSH.21[2].4	Universal ID Type	ISO	IG Fixed Data
<b>MSH.21[3]</b>	<b>Message Profile Identifier</b>		
MSH.21[3].1	Entity Identifier	LAB_PRU_Component	Test Case Fixed Data
MSH.21[3].2	Namespace ID	LOI PRU Profile	Changeable Data
MSH.21[3].3	Universal ID	2.16.840.1.113883.9.82	Test Case Fixed Data
MSH.21[3].4	Universal ID Type	ISO	IG Fixed Data
<b>MSH.21[4]</b>	<b>Message Profile Identifier</b>		
MSH.21[4].1	Entity Identifier	LAB_FI_Component	Test Case Fixed Data
MSH.21[4].3	Universal ID	2.16.840.1.113883.9.80	Test Case Fixed Data

MSH-211.4.4 Location	Universal ID Type Data Element	ISO Data	IG Fixed Data Categorization
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PID

Location	Data Element	Data	Categorization
<b>PID.1</b>	<b>Set ID - PID</b>	1	IG Fixed Data
<b>PID.3</b>	<b>Patient Identifier List</b>		
PID.3.1	ID Number	PATID1234	Configurable Data
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	NIST MPI	Configurable Data
PID.3.4.2	Universal ID	2.16.840.1.113883.3.72.5.30.2	Configurable Data
PID.3.4.3	Universal ID Type	ISO	IG Fixed Data
PID.3.5	Identifier Type Code	MR	Changeable Data
<b>PID.5</b>	<b>Patient Name</b>		
PID.5.1	Family Name		
PID.5.1.1	Surname	Jones	Changeable Data
PID.5.2	Given Name	William	Changeable Data
PID.5.3	Second and Further Given Names or Initials Thereof	A	Changeable Data
PID.5.4	Suffix (e.g., JR or III)	JR	Changeable Data
PID.5.7	Name Type Code	L	Changeable Data
<b>PID.7</b>	<b>Date/Time of Birth</b>		
PID.7.1	Date/Time	19610615	Changeable Data
<b>PID.8</b>	<b>Administrative Sex</b>	M	Changeable Data
<b>PID.10</b>	<b>Race</b>		
PID.10.1	Identifier	2106-3	Changeable Data
PID.10.2	Text	White	Changeable Data
PID.10.3	Name of Coding System	HL70005	IG Fixed Data
<b>PID.11</b>	<b>Patient Address</b>		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	2100 Kennwood Ave	Changeable Data
PID.11.2	Other Designation	Apt 41	Changeable Data
PID.11.3	City	Los Angeles	Changeable Data
PID.11.4	State or Province	CA	Changeable Data
PID.11.5	Zip or Postal Code	90067	Changeable Data
PID.11.7	Address Type	H	Test Case Fixed Data

PV1

Location	Data Element	Data	Categorization
<b>PV1.1</b>	<b>Set ID - PV1</b>	1	IG Fixed Data
<b>PV1.2</b>	<b>Patient Class</b>	O	Changeable Data
<b>PV1.20</b>	<b>Financial Class</b>		
PV1.20.1	Financial Class Code	T	Test Case Fixed Data

IN1

Location	Data Element	Data	Categorization
<b>IN1.1</b>	<b>Set ID - IN1</b>	1	IG Fixed Data
<b>IN1.2</b>	<b>Insurance Plan ID</b>		
IN1.2.1	Identifier	NA	Changeable Data
IN1.2.2	Text	Not applicable	Changeable Data
IN1.2.3	Name of Coding System	HL70353	IG Fixed Data
<b>IN1.3</b>	<b>Insurance Company ID</b>		
IN1.3.1	ID Number	SMCA2	Changeable Data
IN1.3.4	Assigning Authority		
IN1.3.4.1	Namespace ID	NIST EHR	Configurable Data
IN1.3.4.2	Universal ID	2.16.840.1.113883.3.72.5.22	Configurable Data
IN1.3.4.3	Universal ID Type	ISO	IG Fixed Data
IN1.3.5	Identifier Type Code	XX	Changeable Data

IN1.4 Location	Insurance Company Name	Data	Categorization
IN1.4.1	Organization Name	CA Medicare Part B South	Changeable Data
IN1.5	Insurance Company Address		
IN1.5.1	Street Address		
IN1.5.1.1	Street or Mailing Address	PO Box 1000	Changeable Data
IN1.5.3	City	Los Angeles	Changeable Data
IN1.5.4	State or Province	CA	Changeable Data
IN1.5.5	Zip or Postal Code	90060	Changeable Data
IN1.16	Name Of Insured		
IN1.16.1	Family Name		
IN1.16.1.1	Surname	Jones	Changeable Data
IN1.16.2	Given Name	William	Changeable Data
IN1.16.3	Second and Further Given Names or Initials Thereof	A	Changeable Data
IN1.16.4	Suffix (e.g., JR or III)	JR	Changeable Data
IN1.16.7	Name Type Code	L	Changeable Data
IN1.17	Insured's Relationship To Patient		
IN1.17.1	Identifier	SEL	Changeable Data
IN1.17.2	Text	self	Changeable Data
IN1.17.3	Name of Coding System	HL70063	IG Fixed Data
IN1.18	Insured's Date Of Birth		
IN1.18.1	Date/Time	19610615	Changeable Data
IN1.19	Insured's Address		
IN1.19.1	Street Address		
IN1.19.1.1	Street or Mailing Address	2100 Kennwood Ave	Changeable Data
IN1.19.2	Other Designation	Apt 41	Changeable Data
IN1.19.3	City	Los Angeles	Changeable Data
IN1.19.4	State or Province	CA	Changeable Data
IN1.19.5	Zip or Postal Code	90067	Changeable Data
IN1.31	Type Of Agreement Code	S	Changeable Data
IN1.36	Policy Number	000-00-0000-B	Changeable Data

GT1

Location	Data Element	Data	Categorization
GT1.1	Set ID - GT1	1	IG Fixed Data
GT1.3	Guarantor Name		
GT1.3.1	Family Name		
GT1.3.1.1	Surname	Jones	Changeable Data
GT1.3.2	Given Name	William	Changeable Data
GT1.3.3	Second and Further Given Names or Initials Thereof	A	Changeable Data
GT1.3.4	Suffix (e.g., JR or III)	JR	Changeable Data
GT1.3.7	Name Type Code	L	Changeable Data
GT1.5	Guarantor Address		
GT1.5.1	Street Address		
GT1.5.1.1	Street or Mailing Address	2100 Kennwood Ave	Changeable Data
GT1.5.2	Other Designation	Apt 41	Changeable Data
GT1.5.3	City	Los Angeles	Changeable Data
GT1.5.4	State or Province	CA	Changeable Data
GT1.5.5	Zip or Postal Code	90067	Changeable Data
GT1.5.7	Address Type	H	Test Case Fixed Data
GT1.11	Guarantor Relationship		
GT1.11.1	Identifier	SEL	Changeable Data
GT1.11.2	Text	self	Changeable Data
GT1.11.3	Name of Coding System	HL70063	IG Fixed Data
GT1.11.7	Coding System Version ID	2.5.1	
GT1.11.9	Original Text	Self	

Location	Guarantor Organization Name	Data	Categorization
GT1.21.1	Organization Name		Changeable Data

#### ORC

Location	Data Element	Data	Categorization
<b>ORC.1</b>	<b>Order Control</b>	NW	Test Case Fixed Data
<b>ORC.2</b>	<b>Placer Order Number</b>		
ORC.2.1	Entity Identifier	ORD777888	Changeable Data
ORC.2.3	Universal ID	2.16.840.1.113883.3.72.5.24	Configurable Data
ORC.2.4	Universal ID Type	ISO	IG Fixed Data
<b>ORC.4</b>	<b>Placer Group Number</b>		
ORC.4.1	Entity Identifier	GORD874244	Changeable Data
ORC.4.3	Universal ID	2.16.840.1.113883.3.72.5.24	Configurable Data
ORC.4.4	Universal ID Type	ISO	IG Fixed Data
<b>ORC.9</b>	<b>Date/Time of Transaction</b>		
ORC.9.1	Time	20120628070100	System Generated
<b>ORC.12</b>	<b>Ordering Provider</b>		
ORC.12.1	ID Number	5742200012	Changeable Data
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Radon	Changeable Data
ORC.12.3	Given Name	Nicholas	Changeable Data
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	NPI	Configurable Data
ORC.12.9.2	Universal ID	2.16.840.1.113883.4.6	Configurable Data
ORC.12.9.3	Universal ID Type	ISO	IG Fixed Data
ORC.12.10	Name Type Code	L	Changeable Data
ORC.12.13	Identifier Type Code	NPI	Changeable Data
<b>ORC.20</b>	<b>Advanced Beneficiary Notice Code</b>		
ORC.20.1	Identifier	2	Test Case Fixed Data
ORC.20.2	Text	Patient has been informed of responsibility, and agrees to pay for service	Changeable Data
ORC.20.3	Name of Coding System	HL70339	IG Fixed Data

#### OBR

Location	Data Element	Data	Categorization
<b>OBR.1</b>	<b>Set ID - OBR</b>	1	IG Fixed Data
<b>OBR.2</b>	<b>Placer Order Number</b>		
OBR.2.1	Entity Identifier	ORD777888	Changeable Data
OBR.2.3	Universal ID	2.16.840.1.113883.3.72.5.24	Configurable Data
OBR.2.4	Universal ID Type	ISO	IG Fixed Data
<b>OBR.4</b>	<b>Universal Service Identifier</b>		
OBR.4.1	Identifier	400.1	Test Case Fixed Data
OBR.4.2	Text	Lipid Panel - direct LDL	Changeable Data
OBR.4.3	Name of Coding System	99USL	Changeable Data
OBR.4.4	Alternate Identifier	57698-3	Test Case Fixed Data
OBR.4.5	Alternate Text	Lipid panel with direct LDL - Serum or Plasma	Changeable Data
OBR.4.6	Name of Alternate Coding System	LN	Changeable Data
OBR.4.7	Coding System Version ID	20130421	Changeable Data
OBR.4.9	Original Text	Lipid Panel - direct LDL	Changeable Data
<b>OBR.7</b>	<b>Observation Date/Time</b>		
OBR.7.1	Date/Time	20110531123551-0800	Changeable Data
<b>OBR.16</b>	<b>Ordering Provider</b>		
OBR.16.1	ID Number	5742200012	Changeable Data
OBR.16.2	Family Name		
OBR.16.2.1	Surname	Radon	Changeable Data
OBR.16.3	Given Name	Nicholas	Changeable Data

<b>OBR.16.9 Location</b>	<b>Assigning Authority Data Element</b>	<b>Data</b>	<b>Categorization</b>
OBR.16.9.1	Namespace ID	NPI	Configurable Data
OBR.16.9.2	Universal ID	2.16.840.1.113883.4.6	Configurable Data
OBR.16.9.3	Universal ID Type	ISO	IG Fixed Data
OBR.16.10	Name Type Code	L	Changeable Data
OBR.16.13	Identifier Type Code	NPI	Changeable Data
<b>OBR.28</b>	<b>Result Copies To</b>		
OBR.28.1	ID Number	10092000194	Changeable Data
OBR.28.2	Family Name		
OBR.28.2.1	Surname	Hamlin	Changeable Data
OBR.28.3	Given Name	Pafford	Changeable Data
OBR.28.9	Assigning Authority		
OBR.28.9.1	Namespace ID	NPI	Configurable Data
OBR.28.9.2	Universal ID	2.16.840.1.113883.4.6	Configurable Data
OBR.28.9.3	Universal ID Type	ISO	IG Fixed Data
OBR.28.10	Name Type Code	L	Changeable Data
OBR.28.13	Identifier Type Code	NPI	Changeable Data

PRT

<b>Location</b>	<b>Data Element</b>	<b>Data</b>	<b>Categorization</b>
<b>PRT.1</b>	<b>Participation Instance ID</b>		
PRT.1.1	Entity Identifier	1	Changeable Data
PRT.1.2	Namespace ID	NIST EHR	Configurable Data
PRT.1.3	Universal ID	2.16.840.1.113883.3.72.5.22	Configurable Data
PRT.1.4	Universal ID Type	ISO	IG Fixed Data
<b>PRT.2</b>	<b>Action Code</b>	AD	IG Fixed Data
<b>PRT.4</b>	<b>Participation</b>		
PRT.4.1	Identifier	RCT	Test Case Fixed Data
PRT.4.2	Text	Result Copies To	Changeable Data
PRT.4.3	Name of Coding System	HL70912	IG Fixed Data
PRT.4.9	Original Text	Send blind carbon copies to	Changeable Data
<b>PRT.5</b>	<b>Participation Person</b>		
PRT.5.1	ID Number	10092000194	Changeable Data
PRT.5.2	Family Name		
PRT.5.2.1	Surname	Hamlin	Changeable Data
PRT.5.3	Given Name	Pafford	Changeable Data
PRT.5.9	Assigning Authority		
PRT.5.9.1	Namespace ID	NPI	Configurable Data
PRT.5.9.2	Universal ID	2.16.840.1.113883.4.6	Configurable Data
PRT.5.9.3	Universal ID Type	ISO	IG Fixed Data
PRT.5.10	Name Type Code	L	Changeable Data
PRT.5.13	Identifier Type Code	NPI	Changeable Data
<b>PRT.15</b>	<b>Participant Telecommunication Address</b>		
PRT.15.3	Telecommunication Equipment Type	FX	Changeable Data
PRT.15.6	Area/City Code	323	Changeable Data
PRT.15.7	Local Number	5555555	Changeable Data

DG1

<b>Location</b>	<b>Data Element</b>	<b>Data</b>	<b>Categorization</b>
<b>DG1.1</b>	<b>Set ID - DG1</b>	1	IG Fixed Data
<b>DG1.3</b>	<b>Diagnosis Code - DG1</b>		
DG1.3.1	Identifier	Z82.49	Test Case Fixed Data
DG1.3.2	Text	Family history of ischemic heart disease and other diseases of the circulatory system	Changeable Data
DG1.3.3	Name of Coding System	I10C	Test Case Fixed Data
DG1.3.9	Original Text	family history of heart disease NOS	Changeable Data

Location	Diagnosis Type	Data Element	Data	Changeable Data	Categorization
DG1.15	Diagnosis Priority		2		Changeable Data

#### DG1

Location	Data Element	Data	Categorization
DG1.1	Set ID - DG1	2	IG Fixed Data
DG1.3	Diagnosis Code - DG1		
DG1.3.1	Identifier	R00.2	Test Case Fixed Data
DG1.3.2	Text	Palpitations	Changeable Data
DG1.3.3	Name of Coding System	I10C	Test Case Fixed Data
DG1.3.9	Original Text	Palpitations	Changeable Data
DG1.6	Diagnosis Type	W	Changeable Data
DG1.15	Diagnosis Priority	1	Changeable Data

#### OBX

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	IG Fixed Data
OBX.2	Value Type	CWE	Test Case Fixed Data
OBX.3	Observation Identifier		
OBX.3.1	Identifier	49541-6	Test Case Fixed Data
OBX.3.2	Text	Fasting status	Changeable Data
OBX.3.3	Name of Coding System	LN	Test Case Fixed Data
OBX.3.4	Alternate Identifier	1902	Test Case Fixed Data
OBX.3.5	Alternate Text	Fasting Status	Changeable Data
OBX.3.6	Name of Alternate Coding System	99USL	Test Case Fixed Data
OBX.5	Observation Value_Numeric		
OBX.5.1	Identifier	Y	Test Case Fixed Data
OBX.5.2	Text	Yes	Changeable Data
OBX.5.3	Name of Coding System	HL70136	Test Case Fixed Data
OBX.11	Observation Result Status	O	Test Case Oixed Data
OBX.14	Date/Time of the Observation		
OBX.14.1	Date/Time	20110531	Changeable Data
OBX.29	Observation Type	SCI	Test Case Fixed Data

#### SPM

Location	Data Element	Data	Categorization
SPM.1	Set ID - SPM	1	IG Fixed Data
SPM.2	Specimen ID		
SPM.2.1	Placer Assigned Identifier		
SPM.2.1.1	Entity Identifier	S-666555	Changeable Data
SPM.2.1.2	Namespace ID	NIST EHR	Configurable Data
SPM.2.1.3	Universal ID	2.16.840.1.113883.3.72.5.24	Configurable Data
SPM.2.1.4	Universal ID Type	ISO	IG Fixed Data
SPM.4	Specimen Type		
SPM.4.1	Identifier	119297000	Test Case Fixed Data
SPM.4.2	Text	Blood Specimen	Changeable Data
SPM.4.3	Name of Coding System	SCT	IG Fixed Data
SPM.4.9	Original Text	Blood	Changeable Data
SPM.17	Specimen Collection Date/Time		
SPM.17.1	Range Start Date/Time		
SPM.17.1.1	Date/Time	20110531123551-0800	Changeable Data