

MSH	HL7 Element	Type	Length	Description
1	Field Separator	ST	1	" "
2	Encoding Characters	ST	4	^~\&
3	Sending Application	HD		BoneStation
4	Sending Facility			<not used>
5	Receiving Application			<not used>
6	Receiving Facility			<not used>
7	Date/Time of Message	TS		YYYYMMDDhhmm
8	Security			<not used>
9	Message Type	CM	7	ORU^R01
10	Message Control ID	ST	< 20	generated on the fly
11	Processing ID	PT	1	P or T
12	Version ID		< 10	2.4
13	Sequence Number			<not used>
14	Continuation Pointer			<not used>
15	Accept Acknowledgment Type			<not used>
16	Application Acknowledgment Type			<not used>
17	Country Code			<not used>
18	Character Set			<not used>
19	Principal Language of Message			<not used>
20	Alternate Character Set Handling Scheme			<not used>
21	Conformance Statement ID			<not used>

PID	HL7 Element	Type	Length	Description
1	Set ID – PID	SI	1	"1"
2	Patient ID	CX	< 50	"<MRN>"
3	Patient Identifier List	CX	< 50	"<MRN>"
4	Alternate Patient ID – PID			<not used>
5	Patient Name	XPN	< 50	<last>^<first>^^
6	Mother's Maiden Name			<not used>
7	Date/Time of Birth	TS	8	CCYYMMDD
8	Sex	IS	1	"M" or "F"
9	Patient Alias			<not used>

10	Race	<not used>
11	Patient Address	<not used>
12	County Code	<not used>
13	Phone Number – Home	<not used>
14	Phone Number – Work	<not used>
15	Primary Language	<not used>
16	Marital Status	<not used>
17	Religion	<not used>
18	Patient Account Number	<not used>
19	SSN Number – Patient	<not used>
20	Driver's License Number – Patient	<not used>
21	Mother's Identifier	<not used>
22	Ethnic Group	<not used>
23	Birth Place	<not used>
24	Multiple Birth Indicator	<not used>
25	Birth Order	<not used>
26	Citizenship	<not used>
27	Veterans Military Status	<not used>
28	Nationality	<not used>
29	Patient Death Date and Time	<not used>
30	Patient Death Indicator	<not used>
31	Identity Unknown Indicator	<not used>
32	Identity Reliability Code	<not used>
33	Last Update Date/Time ???	<not used>
34	Last Update Facility	<not used>
35	Species Code	<not used>
36	Breed Code	<not used>
37	Strain	<not used>
38	Production Class Code	<not used>

OBR	HL7 Element	Type	Length	Description
1	Set ID-Obsevation request	SI	1	"1"
2	Placer Order Number	EI	< 20	accession number

3	Filler Order Number	EI	< 20	accession number
4	Universal Service ID (test code)			<not used>
5	Priority			<not used>
6	Requested Date/Time			<not used>
7	Observation Date/Time	TS	8	CCYYMMDDHHMM, scan date
8	Observation End Date/Time			<not used>
9	Collection volume			<not used>
10	Collector Identifier	XCN	< 50	technologist initials (ex. "AB")
11	Specimen Action Code			<not used>
12	Danger Code			<not used>
13	Relevant Clinical Info			<not used>
14	Specimen Received Date/Time			<not used>
15	Specimen Source			<not used>
16	Ordering Provider			Referring Physician (ex. "34567^Irving^Julius)
17	Order Callback Phone #			<not used>
18	Placer Field 1			<not used>
19	Placer Field 2			<not used>
20	Filler Field 1			<not used>
21	Filler Field 2			<not used>
22	Results Rpt/Status Change - Date/Time	DTM		CCYYMMDD, report date
23	Charge to Practice			<not used>
24	Diagnostic Serv Sect ID			<not used>
25	Result Status	ID	1	"F" or "C"
26	Parent Result			<not used>
27	Quantity / Timing			<not used>
28	Result Copies To			<not used>
29	Parent Number			<not used>
30	Transportation Mode			<not used>
31	Reason for Study			<not used>
32	Principal Result Interpreter	CN	< 50	Reviewing Physician (ex. "12345^Welby^Marcus)
33	Assistant Result Interpreter			<not used>
34	Technician			<not used>
35	Transcriptionist			<not used>

36	Scheduled Date/Time	<not used>
37	Number of Sample Containers	<not used>
38	Transport Logistics of Collected Specimen	<not used>
39	Collectors Comment	<not used>
40	Transport Arrangement Responsibility	<not used>
41	Transport Arranged	<not used>
42	Escort Arranges	<not used>
43	Planned Patient Transport Comment	<not used>
44	Procedure Code	<not used>
45	Procedure Code Modifier	<not used>

OBX	HL7 Element	Type	Length	Description
1	Set ID	SI	< 3	
2	Value Type	TX	2	
3	Observation ID			<not used>
4	Observation Sub ID			<not used>
5	Observation Value	TX	< N (80)	One text line of the report.
6	Units			<not used>
7	References Range			<not used>
8	Abnormal Flags			<not used>
9	Probability			<not used>
10	Nature of Abnormal Test			<not used>
11	Observation Result Status	ID	1	"F" or "C"
12	Date Last observed Normal Values			<not used>
13	User defined Access Checks			<not used>
14	Date /Time of the observation	TS		CCYYMMDD, Scan date
15	Producers ID			<not used>
16	Responsible observer			<not used>
17	Observation Method			<not used>
18	Equipment Instance Identifier			<not used>