

EpiChart Lab HL7 Specifications

SEGMENT : **MSH**

DESCR: Message Header Segment

SAMPLE: **MSH|^~\&|LabApp|LabName|EpiChart|PracticeName |200406020850||ORU^R01||P|2.3**

Segment #	Name	Data Format	Length	Comments	REQ	EpiChart Application Mapped Fields
MSH.00	Segment Type ID	String	4	MSH	YES	
MSH.01	Separator	String	1		YES	
MSH.02	Field Delimiters	String	4	^~\&	YES	
MSH.03	Sending Application	String	180	Sending Application	Cond	
MSH.04	Sending Facility	String	180	Sending Facility	YES	
MSH.05	Receiving Application	String	180	Receiving Application	NO	
MSH.06	Receiving Facility	String	180	Receiving Facility	YES	
MSH.07	Date / Time	Date/Time	26	YYYYMMDDHHMMSS	YES	
MSH.08	Security				NO	
MSH.09	Message Type	Composite	7	ORM^O01 = Order message, ORU^R01 = Results Message	YES	
MSH.10	Message Control ID	String	20	Unique Message ID	Cond	
MSH.11	Processing ID	String - ID	3	P = Production, T = Testing, D = Debug	YES	
MSH.12	Version ID	String	8	HL7 Version Number (2.3)	YES	
MSH.13	Sequence Number				NO	
MSH.14	Continuation Pointer				NO	
MSH.15	Accept Ack Type				NO	
MSH.16	Application Ack Type				NO	
MSH.17	Country Code				NO	
MSH.18	Character Set				NO	
MSH.19	Message Language				NO	

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SEGMENT PID

DESCR: Patient Information Segment

SAMPLE PID|1|1234|Pt. Accession number||DOE^JOHN^A||19390926|F|||12 Doe St^Providence^RI^02905||||||55555555

Segment Name	Data Format	Length	Comments	REQ	EpiChart Application Mapped Fields	
PID.00	Segment Type ID	String	4	PID	YES	
PID.01	Sequence ID	Integer	4	Identifies Multiple PID segments, Usually = 1	NO	
PID.02	External ID	String	16	EpiChart Order Number	YES	ESLHeader.PatientLocalID
PID.03	Internal ID	String	16	Assession Number (Lab)	YES	ESLHeader.Accession
PID.04	Alternate Patient ID	String	16	Patient Account Number (Physician)	NO	
PID.05	Patient Name	Composite	30	LAST^FIRST^MI^Suffix^Prefix	YES	ESLHeader.PatientLastName^ESLHeader.PatientFirstName^^
PID.06	Mother Maden Name	String			NO	
PID.07	Date of Birth	DATE / TIME	26	YYYYMMDD	YES	ESLHeader.PatientDOB
PID.08	Sex	String - ID	1	M, F, U	YES	ESLHeader.PatientSex
PID.09	Patient Alias				NO	
PID.10	Race				NO	
PID.11	Patient Address	COMPOSITE	106	Addr1^Addr2^City^State^Zip^Country	NO	
PID.12	County Code				NO	
PID.13	Home Telephone				NO	
PID.14	Business Telephone				NO	
PID.15	Language- Patient				NO	
PID.16	Marital Status				NO	
PID.17	Religion				NO	
PID.18	Patient Account Number				NO	
PID.19	Patient SSN	String			Cond	ESLHeader.PatientPID
PID.20	Patient Drivers License				NO	
PID.21	Mother's Identifier				NO	
PID.22	Ethnic Group				NO	
PID.23	Birth Place				NO	
PID.24	Multiple Birth Indicator				NO	
PID.25	Birth Order				NO	
PID.26	Citizenship				NO	
PID.27	VA Status				NO	
PID.28	Nationality				NO	
PID.29	Patient Date of Death				NO	
PID.30	Death Indicator				NO	

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SEGMENT **ORC**

DESCR: Common Order Segment

SAMPLE: **ORC|RE|12345 |Pt. Accession number||CM||||||UPIN^Mason^James^J^^Dr|**

Segment #	Name	Data Format	Length	Comments	REQ	EpiChart Application Mapped Fields
ORC.00	Segment Type ID	String	4	ORC	YES	
ORC.01	Message Code	String - ID	2	RE = Results, NW = New Order	YES	
ORC.02	Placer Order Numer	String	22	EpiChart Order Number	YES	
ORC.03	Filler Order Number	String	22	Lab Accession Number	YES	ESLHeader.Accession
ORC.04	Placer Group Number				NO	
ORC.05	Order Status	String - ID	2	CM = Complete, IP = Incomplete	YES	Need to add this field to EpiChart Tables
ORC.06	Response Flag				NO	
ORC.07	Quantity / Timing				NO	
ORC.08	Parent				NO	
ORC.09	Date / Time				NO	
ORC.10	Entered By				NO	
ORC.11	Verified By				NO	
ORC.12	Ordering Provider	Composite	120	UPIN^Last^First^MI^Suffix^Prefix	YES	^ESLHeader.RequestingPhysicianLastName^ESLHeaderRequestingPhysician FirstName^^^
ORC.13	Enterer's Loaction				NO	
ORC.14	Call Back Number				NO	
ORC.15	Order Effective Date / Time				NO	
ORC.16	Order Control Reason				NO	
ORC.17	Entering Organization				NO	
ORC.18	Entering Device				NO	
ORC.19	Action by				NO	

SEGMENT **OBR**

DESCR: Order Segment

SAMPLE: **OBR|1|12345|Pt. Accession number|^|^5538T^ThinPrep Pap^|||20040518|||||UPIN^Mason^James^J^^Dr|||||F|**

Segment #	Name	Data Format	Length	Comments	Req	EpiChart Application Mapped Fields
OBR.00	Segment Type ID	String	4	OBR	YES	
OBR.01	Set ID	Integer	4	OBR Sequence Number under PID	YES	
OBR.02	Placer Order Number	String	22	EpiChart Order Number	YES	
OBR.03	Filler Order Number	String	22	Lab Assession Number	YES	
OBR.04	Universal Service ID	Composite	200	^^^Local Order Code^Description^	YES	
OBR.05	Priority				NO	
OBR.06	Requested Date / Time				NO	
OBR.07	Observation Date / Time	Date / Time	26	Specimen Collection date and time YYYYMMDDHHMMSS	Cond	Breakout to ESLHeader.OrderDate & ESLHeader.OrderTime
OBR.08	Observation End Date / Time				NO	
OBR.09	Collection Volume				NO	
OBR.10	Collector Identifier				NO	
OBR.11	Specimen Action Code	String - ID	1	G - Filler Generated Order Code, otherwise blank field	YES	
OBR.12	Danger Code				NO	
OBR.13	Relevant Clinical Information				NO	
OBR.14	Specimen Received Date / Time				NO	
OBR.15	Specimen Source				NO	
OBR.16	Ordering Provider	Composite	80	ID^Last^First^MI^Suffix^Prefix	YES	
OBR.17	Order Call Back Tel				NO	
OBR.18	Placer Field 1	String	60	Retrurns what is sent from Physician	Cond	
OBR.19	Placer Field 2	String	60	Retrurns what is sent from Physician	Cond	
OBR.20	Filler Field 1	String	60	Component Code under the Order Code for Profiles	Cond	
OBR.21	Filler Field 2	Composite	60	CLIA^Lab^Addr1^City^State^Zip^	Cond	
OBR.22	Results Rpt / Status Chg Date /Time	Date / Time	26	Date and Time or Observation	Cond	Breakout between ESLHeader.SystemDate and ESLHeader.SystemTime
OBR.23	Charge to Practice				NO	
OBR.24	Diagnostic Serv Sect ID				NO	
OBR.25	Result Status	String - ID	1	C = Correction, F = Final, P = Preliminary, X = Cancelled	YES	
OBR.26	Parent Result				NO	
OBR.27	Quantity / Timing	String	200	S = Stat, C = Call, R = Routine, Null = Routine	NO	
OBR.28	Result Copies To				NO	
OBR.29	Parent				NO	
OBR.30	Transportation Mode				NO	
OBR.31	Reason For Study				NO	
OBR.32	Principle Result Interpreter				NO	
OBR.33	Asst Result Interpreter				NO	
OBR.34	Technician				NO	
OBR.35	Transcriptionist				NO	
OBR.36	Scheduled Date / Time				NO	
OBR.37	Number of Sample Containers				NO	
OBR.38	Transport Logistics of collected sample				NO	
OBR.39	Collectors Comment				NO	
OBR.40	Transport Agreement Responsibility				NO	
OBR.41	Transport Arranged				NO	
OBR.42	Escort Required				NO	
OBR.43	Planned Patient Escort Comment				NO	

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SEGMENT **NTE**

DESCR: Notes Segment

SAMPLE: **NTE|16||Result: Negative for Intraepithelial**

Segment	Name	Data Format	Length	Comments	REQ
NTE.00	Segment Type ID	String	4	NTE	YES
NTE.01	Set ID	Integer	4	Sequence Number	NO
NTE.02	Comment Source	String - ID	2	DS = Disclosure in Support of CLIA	Cond
NTE.03	Comment	String	72	Note (Each line should be defined in unique NTE Segment	YES

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SEGMENT : **MSA**

DESCR: Message Acknowledgement

SAMPLE: **MSA|CR|12980|Communication Error**

Segment #	Name	Data Form	Length	Comments	Req	EpiChart Application Mapped Fields
MSA.00	Segment Type ID	String	4	MSA	YES	
MSA.01	Acknowledgement Code	String - ID	2	CA = Commit Accept, CR = Commit Reject	YES	
MSA.02	Message Control ID	String	20	Message Control ID (Relates to MSH.10)	NO	
MSA.03	Text Message	String	80	Error Description	NO	
MSA.04	Expected Sequence Number				NO	
MSA.05	Delayed Acknowledgement Type				NO	
MSA.06	Error Condition				NO	