

Special instructions for the initial connections:

Version ~~20201125~~20210430

WHAT IS IMPORTANT TO NOTE:

**For csv file users:**

**#1 AOES**

- A) If you are using AIMS routing service you can populate the AOE columns with all data you have available; AIMS keeps a configuration for each PHA and will filter out AOE's that cannot be handled by the PHA, if applicable.
- B) If you are connecting to a jurisdiction directly, make sure you check, which of the AOE that jurisdiction can support and do not populate values for those they cannot support

AOE columns:

- *Patient\_age*
- *Patient\_age\_units*
- *First\_test*
- *Employed\_in\_healthcare*
- *Employed\_in\_high\_risk\_setting*
- *Patient\_occupation*
- *Symptomatic\_for\_disease*
- *Illness\_onset\_date*
- *Disease\_symptoms*
- *Hospitalized*
- *ICU*
- *Patient\_location*
- *Resident\_congregate\_setting*
- *Patient\_residency\_type*
- *Pregnant*
- *Public\_health\_case\_ID*
- *Travel\_history*

**#2 For the Device Identifier:**

- A) If you are using AIMS routing service Copy any data you have in the following columns ALSO into the *Comments* column

*Test\_kit\_EUA\_ID*

*Test\_kit\_model\_name*

*Test\_kit\_model\_ID*

*Instrument\_model\_name*

*Instrument\_model\_ID*

AIMS will truncate the value in the above noted columns to 19 characters and append with the truncation character # (to enable all PHAs that have a length restriction of 20 characters on OBX-17.1 to be able to process the message; copying the value also into the *Comments* column will help those PHAs retain the information, unless the PHAs have indicated they can handle.

AIMS will also remove any duplicate entries in OBX-17, unless the PHAs have indicated they can handle.

AIMS will also remove any data in OBX-18, unless the PHAs have indicated they can handle.

- B) If you are sending directly to a jurisdiction work with them on how to fill out the Device Identifier related columns.

#3 MSH-4.2 value MUST be a CLIA number (instead of an OID) – If you are using a CLIP# use it in MSH-4.2 and still use default value of 'CLIA' in MSH-4.3.

#4 Make sure that namespace elements do not exceed length of 20 characters (on the config tab) affecting these entries:

*Name of the reporting facility*

*Name of the reporting system*

*Name of the organization that assigns the Patient Identifier (both instances)*

*Software Name*

*Receiving Application Name*

*Receiving Facility Name*

#5 NY Employer reporting:

NY requires reporting of employer information as well as information about what school(s) the patient is attending – until we can update the csv file format:

Put the following information with these respective labels (all required) into *the Comments* field:

*Employer Name/Name of School District:*

*Employer Street Address/School Name:*

*Employer or School City:*

*Employer or School State:*

*Employer or School ZIP Code:*

*School code: See BEDS Code for list of codes*

Employer or School Phone Number:

Job Title: (use Student/Teacher/Staff/Volunteer, for school)

**#6 Comments:**

Make sure ALL comments are entered in the FIRST ROW for each specimen – the tool currently ONLY uses the data from that first row!

#7 Reporting at home tests

Please follow the guidance per

<https://confluence.hl7.org/pages/viewpage.action?pageId=86967947#ProposedHHSELRSubmissionGuidanceusingHL7v2Messages-ReportingatHomeTests>

#8 Reporting variant information:

Please follow guidance per

[https://confluence.hl7.org/pages/viewpage.action?pageId=86967947#ProposedHHSELRSubmissionGuidanceusingHL7v2Messages-Reportingvariants\(ofconcern\)](https://confluence.hl7.org/pages/viewpage.action?pageId=86967947#ProposedHHSELRSubmissionGuidanceusingHL7v2Messages-Reportingvariants(ofconcern))

For csv this mean it would be a separate row for the lineage determination. In order to [send the To](#) report the lineage use a separate row in the csv file (Test\_performed\_code = '96741-4' and Test\_performed\_code\_system = 'LN') and list the lineage in Test\_result\_free\_text. Use an additional separate row for the Testing Lab assigned sequence Identifier (Test\_performed\_code = 'PLT2397' and Test\_performed\_code\_system = 'PLT') and list the identifier used in Test\_result\_free\_text

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**For HL7 users:**

**#1 For AOE's**

**Exclude all AOE's from the feed**

**#2-1 For the Device ID:**

Populate OBX-17 and/or OBX-18 as you normally would, but please also create a NTE segment (ideally following the result OBX, but could be NTE under the OBR) with all information from OBX-17 and/or OBX-18 as well.

AIMS will truncate the value in the above noted columns to 19 characters and append with the truncation character # (to enable all PHAs that have a length restriction of 20 characters on OBX-17.1 to be able to process the message; copying the value also into the NTE will help those PHAs retain the information, unless the PHAs have indicated they can handle.

AIMS will also remove any duplicate entries in OBX-17, unless the PHAs have indicated they can handle.

AIMS will also remove any data in OBX-18, unless the PHAs have indicated they can handle.

**#3-2 MSH-4.2 value MUST be a CLIA number (instead of an OID)**

**#4-3 Make sure that namespace elements do not exceed length of 20 characters (on the config tab) affecting these entries:**

*Name of the reporting facility (MSH-4.1)*

*Name of the reporting system (MSH-3.1)*

*Name of the organization that assigns the Patient Identifier (both instances) (PID-3.4.1)*

*Software Name (SFT-3)*

*Receiving Application Name (MSH-5.1)*

*Receiving Facility Name (MSH-6.1)*

**#5-4: NY employer reporting requirements**

NY requires reporting of employer information (not just schools) – so they will need to:

Create NK1 segment for these required elements:

**NK1-5 (Relationship) = EMR^Employer^HL70063**

**Employer Name/School District: NK1-13 (Organization name)**

**V20201125V20210430**

*Employer Street Address/School Name:* **NK1-4.1 (NK Street address)** use this for School name and **NK1-4.2 (NK Street address2)** put school's street address here

*Employer or School City:* **NK1-4.3 (NK City)**

*Employer or School State:* **NK1-4.4 (NK State)**

*Employer or School ZIP Code:* **NK1-4.5 (NK zip code)**

*Employer or School Phone Number:* **NK1-5.6 (NK Phone number.area code)** and **NK1-5.7 (NK Phone number.phone number)**

*Job Title: (use Student/Teacher/Staff/Volunteer, for school)* **NK1-10 (NK Job title)**

**Alternatively you can send these as AOE's:**

*School name:* 66280-9^School Name^LN; OBX-2 = ST

*School district:* 76469-6^Organization name^LN; OBX-2 = ST

*BEDS Code:* coding system for schools = <http://www.p12.nysed.gov/irs/beds/>:

OPTION 1 (preferred by HL7) = Using CX datatype:

96678-8^School code [ID]^LN, OBX-2 = CX – example OBX-5: 73335819^^^<NYSED>&<OID for New York State Education Department>&ISO^<"FI" – or we need a new ID type here to indicate this is a school ID>

OPTION 2: Use of 2 OBX segments with same OBX-4 content for linking to convey the ID and the assigning authority:

OBX|n|CWE|96678-8^School code [ID]^LN|1|131802990006^Astor Center (Residential Program in Rhinebeck)^99NYBEDS|....

OBX|n+1|ST|96679-6^School Identifier assigning authority^LN|1|New York State Education Department|....

*School address:* 96677-0^School Address^LN – OBX-2 = AD or XAD

*Employer or School Phone Number:* 96676-2^ Employer phone number ^LN – OBX-2 = TN or XTN

*Attended school today:* 94072-6^Attended school today^LN; OBX-2 = CWE, allowed answers: Y^Yes^HL70136, N^No^HL70136

*Job classification:* 63511-0^Are you working now, looking for work, retired, keeping house, a student, or what [PhenX]^LN; OBX-2 = ST, OBX-5 'Student', 'Faculty' or 'Staff' (even though the scale is coded that's what they expect for now)

**#5 Reporting at home tests**

**Please follow the guidance per**

**<https://confluence.hl7.org/pages/viewpage.action?pageId=86967947#ProposedHHSELRSubmissionGuidanceusingHL7v2Messages-ReportingatHomeTests>**

**V20201125V20210430**

#### #6 Reporting variant information:

Please follow guidance per

[https://confluence.hl7.org/pages/viewpage.action?pagelD=86967947#ProposedHHSELRSubmissionGuidanceusingHL7v2Messages-Reportingvariants\(ofconcern\)](https://confluence.hl7.org/pages/viewpage.action?pagelD=86967947#ProposedHHSELRSubmissionGuidanceusingHL7v2Messages-Reportingvariants(ofconcern))

~~To report the lineage use a separate row in the csv file (Test performed code = '96741-4' and Test performed code system = 'LN') and list the lineage in Test result free text. Use an additional separate row for the Testing Lab assigned sequence Identifier (Test performed code = 'PLT2397' and Test performed code system = 'PLT') and list the identifier used in Test result free text.~~

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