

LIS protocol for AFIAS-6(Rev.0.2)

Date : 2015.01.21

Exchange data is organized in packets.

The format is

HeadChar + Datarecord + CRLF

HeadChar = Single character ; '\$1' for uploading

DataRecord = Each field separated by '|' character.

If there is no value in each field, just separator '|' exist.

Parameter	Description	Valid value
Device number	Device serial number	alphanumeric
Date	Test date (YYYYMMDDHHMMSS)	alphanumeric
User ID	Operator ID	alphanumeric
Patient ID	Patient ID	alphanumeric
Age	Patient age	digit
Gender	Patient gender	M/F
Test name	Item name	alphanumeric
Lot name	Item lot name	alphanumeric
Expiration date	Item expiration date	alphanumeric
Result 1	Test result 1 value	alphanumeric
Result 2	Test result 2 value	alphanumeric
Result 3	Test result 3 value	alphanumeric
Result 4	Test result 4 value	alphanumeric
Result 5	Test result 5 value	alphanumeric
Unit 1	Test result 1 unit	alphanumeric
Unit 2	Test result 2 unit	alphanumeric
Unit 3	Test result 3 unit	alphanumeric
Unit 4	Test result 4 unit	alphanumeric
Unit 5	Test result 5 unit	alphanumeric
Result flag	Test result positive / negative flag	(P / N / Space)
Test type	General test, QC mode, QC calibration mode	G / Q / C
Tip type	General tip, C-Tip	G / C
Slot number	Tested in slot "X"	digit

Control name	Control type	alphanumeric
Control lot name	Control lot name	alphanumeric
Control expiration date	Control expiration date	alphanumeric
Control Flag	Positive / Negative flag	(P / N / Space)
Reserved 1	Reserved 1	alphanumeric
Reserved 2	Reserved 2	alphanumeric
Reserved 3	Reserved 3	alphanumeric
Reserved 4	Reserved 4	alphanumeric
Reserved 5	Reserved 5	alphanumeric

Data Form) \$1 | + Datarecord + CRLF

Ex – Datastream)

\$1|A6RLG100006|20150120100700|CHOI|JOHN|30|M|PSA|PSLYC69|2017.06.26|12.45||||ng/mL||||G|G|0|||||||

\$1|A6RLG100006|20150120100700|CHOI|JOHN|30|M|HbA1C|HBLYC01|2017.12.31|5.1|20.22|125.12|||mmol/mol|mg/dL||||G|G|0|||||||

\$1|A6RLG100006|20150120100700|CHOI|JOHN|30|M|CRP|CRLYC02|2016.12.31|1.2||||mg/L||||G|C|0|||||||

CR = Carriage Return (ascii value 0x0d, ₩r)

LF = Line Feed (LF, ascii value 0x0a. ₩n)