

## Appendix A: UDI HRI formats

## ICCBBA Standards

| Issuing Agency/Entity                                                                                                     | Qualifiers | Identifier                         | Data type             | Human Readable Barcode Field Size | Database Field Size |
|---------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------|-----------------------|-----------------------------------|---------------------|
| ICCBBA                                                                                                                    | =/         | UDI-DI                             | Alphanumeric          | 18                                | 16                  |
| ICCBBA                                                                                                                    | =,         | Serial Number                      | Alphanumeric          | 8                                 | 6                   |
| ICCBBA                                                                                                                    | =          | Donation Identification Number     | Alphanumeric          | 16                                | 15                  |
| ICCBBA                                                                                                                    | =>         | Expiration Date                    | numeric [YYYYJJJ]     | 8                                 | 6                   |
|                                                                                                                           | Or<br>&>   | Expiration Date and Time           | numeric [YYYYJJJhhmm] | 12                                | 10                  |
| ICCBBA                                                                                                                    | =}         | Manufacturing Date                 | numeric [YYYYJJJ]     | 8                                 | 6                   |
| ICCBBA                                                                                                                    | &,1        | MPHO Lot Number                    | Alphanumeric          | 21                                | 18                  |
| ICCBBA                                                                                                                    |            | <b>Maximum Base UDI for HCT/Ps</b> | <b>Alphanumeric</b>   | <b>83</b>                         | <b>71</b>           |
| <b>Ex of Human Readable Barcode:=/A9999XYZ100T0944=,000025=A99971312345600=&gt;014032=}013032&amp;,100000000000XYZ123</b> |            |                                    |                       |                                   |                     |

## Appendix B: AIDC carriers most widely used in healthcare

### ICCBBA Standards

- ISBT128 with UDI-DI and UDI-PI's (Donation Identification Number, Serial Number, and Expiration Date)



=/A9999004344T0480



=A99971712345600



=,000005



=>018020

Data Matrix with UDI-DI and UDI-PI's (Serial Number + Donation Identification Number + Expiration Date)



=/A9999XYZ100T0479

=,000025=A99971412345600=>016008

## Appendix C: Examples of RFID carriers

### 1. ICCBBA Standards

RFID tags are not currently used to carry identification information for medical products of human origin (MPHO), although some organizations are starting to add an RFID tag as a ‘license plate’ based on the unique tag identifier. This is in addition to the barcoded information and would not carry UDI information.

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