ISBT 128 Donation Identification Number (DIN)

Data Structure 001
What is the ISBT 128 DIN?

- A key element of traceability for medical products of human origin. It provides globally unique identification of products from:
  1. a donation event [collection or recovery];
  2. a product pool

- For full traceability of most MPHO, it must be used in conjunction with a data structure that uniquely identifies individual products from a donation (e.g., Product Code, Product Code and Product Division)
What is the ISBT 128 DIN?

- The DIN Data Structure consists of 4 parts: \(=\alpha pppp yy nnnnnn ff\)
  1. Facility Identification Number (FIN) \([\alpha pppp]\)
  2. Year of assignment \([yy]\)
  3. Sequence Number \([nnnnnn]\)
  4. Flag character \([ff]\)

- \(=\alpha\) are the data identifiers for the DIN Data Structure. \(\alpha\) is also the first character of the DIN.
- Only the first 3 parts of the DIN Data Structure comprise the 13-character DIN.
- The use of flag characters is optional. Flag characters allow for additional process control within a facility. They do not contribute to uniqueness or traceability. For more information, reference IG-010.
The boxed character at the end of the DIN is the check character intended to confirm the accurate entry of the DIN when a manual keyboard entry is performed. This is not encoded. For more information, reference Appendix A in ST-001.
Elements of the DIN: Facility Identification Number (FIN)

W0000 18 123456

- The DIN is assigned by the facility indicated in the FIN
  - Facilities are responsible for maintaining records of the numbers they assign to collections/pools.

- ICCBBA maintains the ISBT 128 Registered Facilities Database and provides a facility lookup tool to look up information for a FIN.
Facility Lookup Tool

Field to enter a FIN in the FIN Lookup Program

Search Result for FIN W0000 in the FIN Lookup Program

https://www.iccbbba.org/lookup-tools/find-facility-information
Elements of the DIN: Year of Assignment

W0000 18 123456

The assignment year is the last two digits of the year the DIN is assigned.

This number is to ensure uniqueness of the DIN over a 100-year period; it is not intended to be used as a collection date.

This can also cover a 14-month period if necessary:
- For example, 18 may be used from December 2017 through January 2019.
Elements of the DIN: Sequence Number

W0000 18 123456

- The sequence number is a 6-digit number that is used to identify the collected or pooled product in the specified year for a given FIN.

- The facility indicated in the FIN is responsible for assigning the sequence number and maintaining records of what is assigned.

- Once a sequence number assigned, it may only be used once in an assignment year in order to maintain uniqueness.
For more details and additional guidance, reference the following sections and documents:

- **ISBT 128 Standard Technical Specification (ST-001):**
  - Section 2.4.1
  - Appendix A

- **Implementation Guide: Use of Flags in the Donation Identification Number for Process Control of Critical Points during Processing and Distribution (IG-010)**

- **Implementation Guide: Use of the Donation Identification Number [Data Structure 001] (IG-033)**

- **Implementation Guide: ISBT 128 Facility Identification Number (IG-034)**