

ISBT 128 Product Code

Data Structure 003

What is the ISBT 128 Product Code?

- The Product Code is a key element of traceability for Medical Products of Human Origin (MPHO). It provides differentiation of products from the same collection.
- For traceability of MPHO, it must be used in conjunction with the Donation Identification Number (DIN).
 - In some cases, the Product Divisions and/or the Processing Facility Identification Code are also needed for traceability.

Parts of the Product Code: Product Description Code

- The Product Code consists of 3 parts for Blood and Cellular Therapy Products:

α0000tds

Part 1: **Product Description Code (PDC)**

- The first 5 characters of the Product Code comprise the PDC.
- Represented by the portion **α0000**
- The product description coding values for **α0000** are maintained in the [ISBT 128 Product Description Code Database](#). (e.g., **E0178**, **S1143**)
 - The particular code used should accurately identify the product in the container.

Parts of the Product Code: Collection Type

α0000t ds

Part 2: Collection Type Code (For Blood and Cellular Therapy Products)

- ❑ The 6th character of the Product Code indicates the type of collection.
- ❑ Represented by the portion **t**
- ❑ The collection type coding values for **t** are located in reference table RT008 found in the ISBT 128 Standard Technical Specification (ST-001).
 - Some examples from this table are **V** (Volunteer homologous), **1** (Autologous), and **2** (Directed).
- ❑ For product types other than blood and cellular therapy, “t” is part of the division code.

Parts of the Product Code: Division Code

α0000tds

Part 3: **Division Code** (For Blood and Cellular Therapy Products)

Divided units or aliquots with the same Donation Identification Number and Product Description Code are differentiated via the Division Code.

- ❑ The 7th and 8th characters in the Product Code indicates each division/aliquot.
- ❑ Represented by the portion **ds**
- ❑ Examples of division coding values are on the next slide.

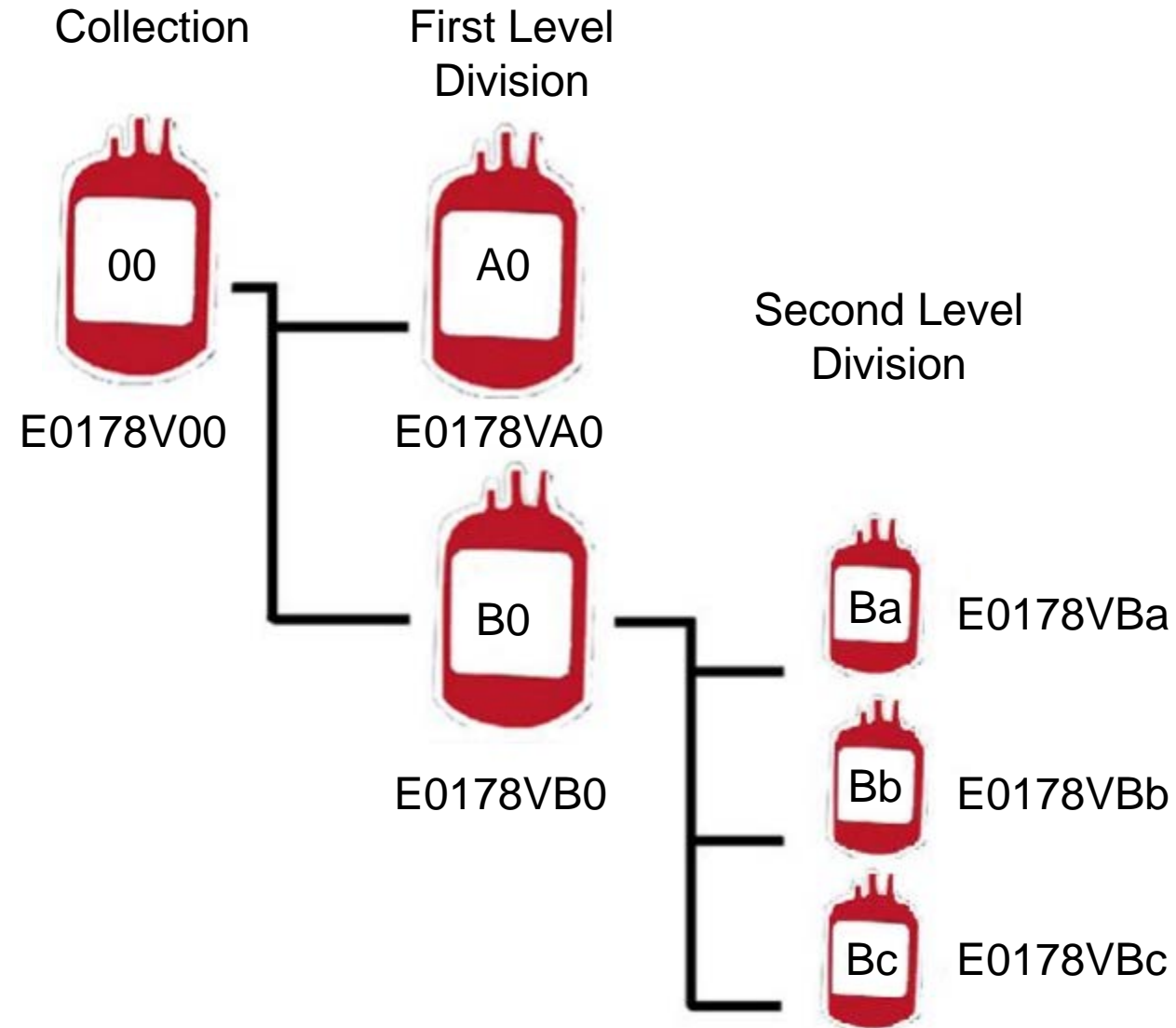
Parts of the Product Code: Division Code

Example of using the **Division Code**:

E0178V00

- Undivided products use the division code **00**.
- If a single first level division is performed:
 - The resulting aliquots will be **E0178VA0** and **E0178VB0**.
- If **E0178VB0** is further divided into three aliquots:
 - The resulting subdivided products will be **E0178VBa**, **E0178VBb**, and **E0178VBc**.

Parts of the Product Code: Division Code



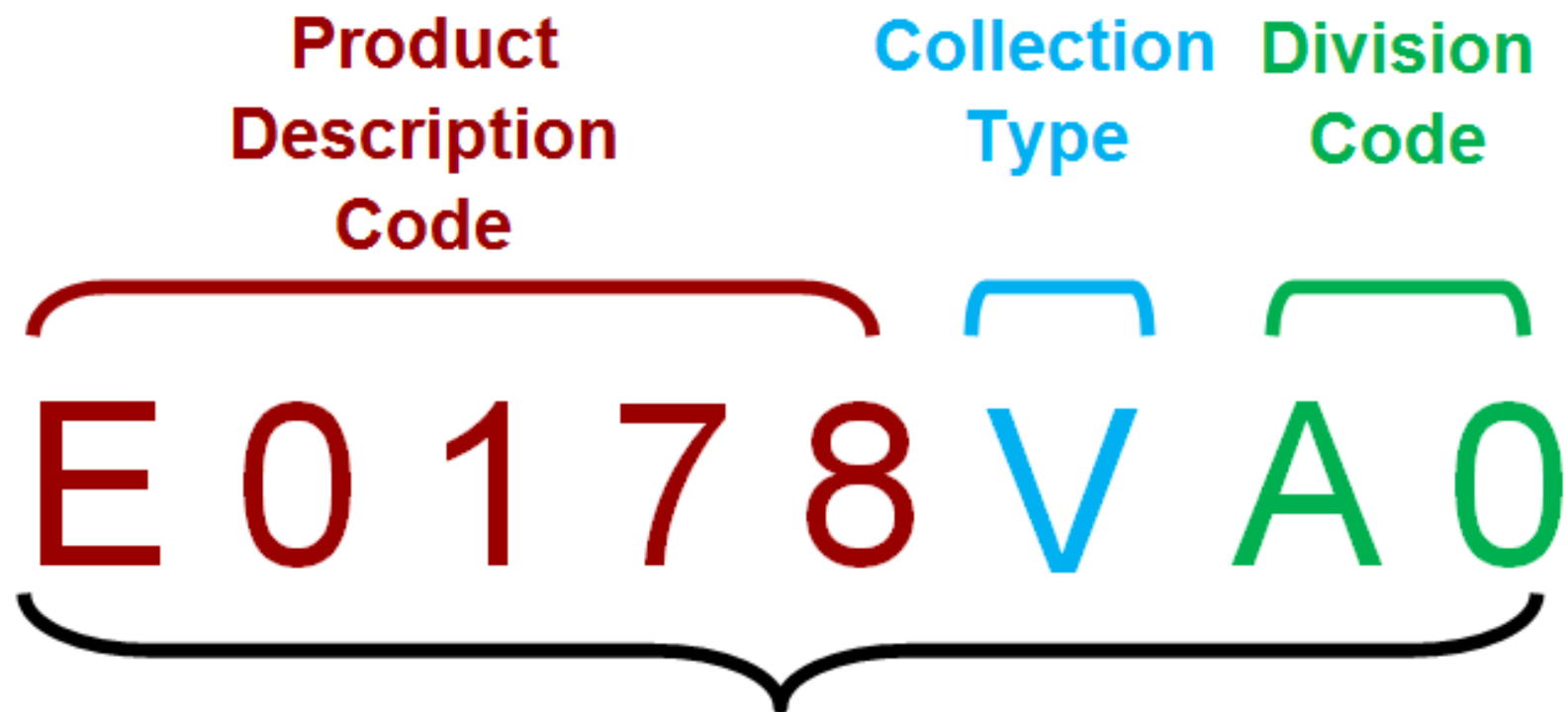
Parts of the Product Code: Division Code

α0000tds

Part 3: **Division Code** (For other products such as **tissues**)

- ❑ The 6th, 7th, and 8th characters in the Product Code indicates each division/aliquot.
 - “tds” is different for products other than Blood and Cellular Therapy
 - ❑ “t” is part of the division code for products other than Blood and Cellular Therapy (e.g., Tissues).
 - 3-digit division coding values are used for tds.
 - ❑ For more information, visit section 2.4.3 of ST-001.

ISBT 128 Product Code: Blood Product Example

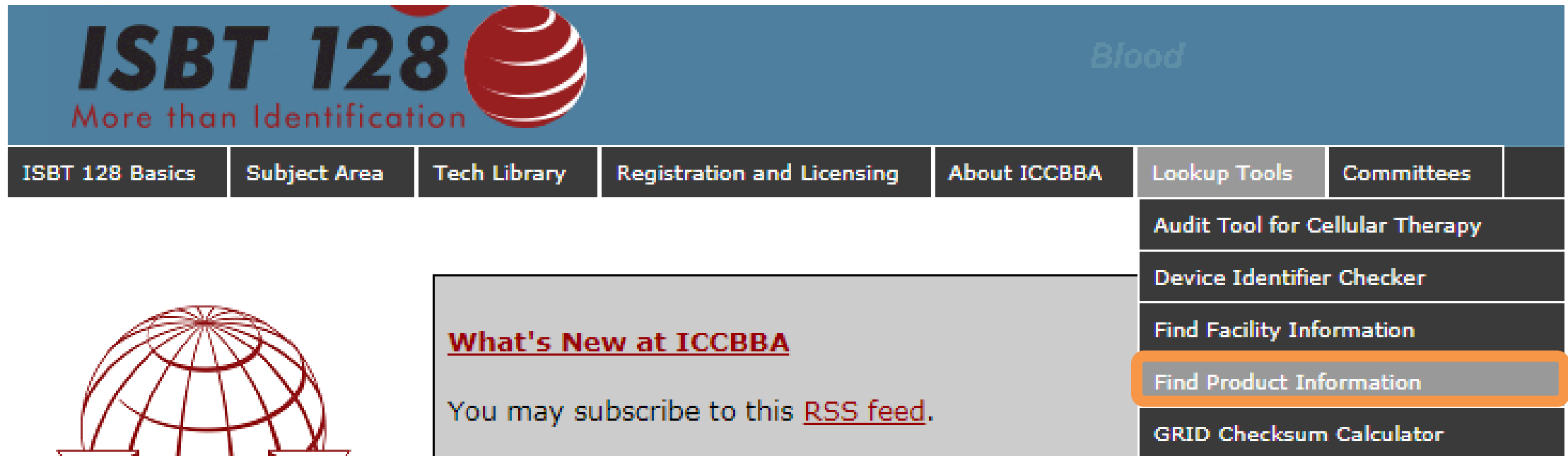


ISBT 128 Product Code

Tools for Finding a Product Description Code (PDC)

- An ISBT 128 Product Lookup Program is available on the ICCBBA website.

❑ <https://www.iccbba.org/lookup-tools/find-product-information>



The screenshot shows the top portion of the ICCBBA website. The header features the 'ISBT 128' logo in large, bold, dark blue letters, with the tagline 'More than Identification' in smaller red text below it. To the right of the text is a red sphere with white horizontal lines. Below the header is a dark blue navigation bar with white text links: 'ISBT 128 Basics', 'Subject Area', 'Tech Library', 'Registration and Licensing', 'About ICCBBA', 'Lookup Tools', and 'Committees'. The 'Lookup Tools' link is highlighted with a light blue background. Below the navigation bar, on the left, is a red wireframe dome graphic. To its right is a grey box containing the text 'What's New at ICCBBA' in red, followed by 'You may subscribe to this [RSS feed](#).' in black. On the right side of the page, a vertical list of links is shown: 'Audit Tool for Cellular Therapy', 'Device Identifier Checker', 'Find Facility Information', 'Find Product Information' (which is highlighted with an orange border), and 'GRID Checksum Calculator'.

ISBT 128
More than Identification

[ISBT 128 Basics](#) [Subject Area](#) [Tech Library](#) [Registration and Licensing](#) [About ICCBBA](#) [Lookup Tools](#) [Committees](#)

[Audit Tool for Cellular Therapy](#)
[Device Identifier Checker](#)
[Find Facility Information](#)
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[GRID Checksum Calculator](#)

What's New at ICCBBA
You may subscribe to this [RSS feed](#).

Tools for Finding a Product Description Code (PDC)

E0178 | ISBT 128 Code Lookup


**Field to enter a PDC in the ISBT 128
Product Lookup Program**

E0178 | ISBT 128 Code Lookup


E0178 = RED BLOOD CELLS|CPD/500mL/refg|Irradiated

**Product Description result for PDC E0178 in
the ISBT 128 Product Lookup Program**

Tools for Finding a Product Description Code (PDC)



ISBT 128 Product Lookup by Description



Select the product characteristics from the list below and click the "Find" or "Exact Match" button

Class

- POOLED PLATELET-RICH BUFFY COAT
- POOLED PLATELETS
- POOLED SERUM
- RED BLOOD CELLS**
- SERUM
- WHOLE BLOOD

Modifier

- Apheresis
- Deglycerolized
- Deglycerolized Apheresis
- Deglycerolized Rejuvenated
- Deglycerolized Rejuvenated Apheresis
- Frozen

Attribute Group

- Blood Core
- Intended Use
- System Integrity
- Irradiation**
- Residual Leukocyte Content
- Altered
- Final Content

Attribute Value

- Irradiated**
- Irradiated <= 14d
- Irradiated <= 5d
- RBC irradiated

Selected Attributes

CPD/500mL/refg	V0001004
Irradiated	V0013002

Remove

Exact Match

E0178 RED BLOOD CELLS|CPD/500mL/refg|Irradiated

Find

Reset

Close

Export list

Searching for product description codes via product description with the ISBT 128 Product Lookup Program.

The “Exact Match” search function was used in this example.

References

- For more details and additional guidance, reference the following sections and documents:
 - ❑ [ISBT 128 Standard Technical Specification \(ST-001\):](#)
 - Section 2.4.3
 - ❑ [Implementation Guide: Encoding Product Information \[Data Structures 003, 032, 033, and 034\] - Tissues \(IG-020\)](#)
 - ❑ [Implementation Guide: Use of Product Code \[Data Structure 003\] – Blood \(IG-021\)](#)
 - ❑ [Implementation Guide: Product Coding \[Data Structures 003 and 032\] - Cellular Therapy \(IG-022\)](#)
 - ❑ [Implementation Guide: Use of Product Code \[Data Structure 003\] - Ocular Tissue\(IG-032\)](#)
- ❑ Reference Tables
 - [ISBT 128 Product Description Code Database](#)
 - Data Structure 003: Type of Collection in 6th Position of Product Code [RT008]