

HemaTrax Standalone -- Build 09281.1356 Release Notes

Information regarding changes made in this release of the HemaTrax Standalone blood labeling application.

Divided Units

Prior releases erroneously displayed an unknown volume line, " _____ mL" immediately below the product attribute lines for some products which did not require it when those products were indicated as divided (split). The program logic has been modified to correct the displayed label information text.

When printing product labels (2" x 2") that were divided and there were several unknown values initially requested, subsequent requests to print the same product resulted in the number of unknowns requested to not include the first unknown originally requested. The program logic has been modified to correct this error.

Product Label Database

Prior product label database releases didn't define "Red Blood Cells" with "Plasma Added" as "Reconstituted Red Blood Cells". The database now properly identifies these products. The "Hematocrit _____" line shown in the ICCBBA examples is considered optional and is not included by default in the HemaTrax product label definition. This additional line can be added manually to the database records via the Maintenance - Product Label functionality. The values for the Plasma ABO-Rh and anticoagulant must be manually written on the label after it is printed for the time being.

Product label databases prior to the Version 6.2.1 release often included the product name in the prompts for volumes being requested just before the label was to be printed. The product name no longer appears in the entry prompts as it was suggested that the use of the product name was confusing when split units were being labeled. Now "Original draw volume in mLs" or "Unit volume in mLs" will be used in the volume entry prompts.

The latest ICCBBA product label definition tables were used in the latest release. Now there are label definitions for all products up to and including ICCBBA product code E5998.

Granulocyte and Granulocyte/Platelets Search

It was reported that when a search was made for Granulocyte products that a list of Granulocyte/Platelet products was produced. Searches for Granulocyte/Platelet products listed Granulocyte products. This error was traced to the external file, "CompDef.txt", which lists the component class (product) names and supplies the search codes for each component class. The code for Granulocytes and the code for Granulocyte/Platelets was determined to be transposed. This has been corrected in the file accompanying this release.

Product Searches May Hang

It was reported that for some specific product searches that the search activity would not return a list and that the program would become unresponsive. This problem was traced to an error in the Digi-Trax Indexed Sequential Access Method (DTiSAM) library. The error specifically was in a function that is used to find records based on a duplicate file key. This function has been repaired in this release.

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Product Searches

An issue with products being searched based on product characteristics has been identified and repaired. The specific case reported was searching for one or more products with the following characteristics:

- Product = RED BLOOD CELLS
- Modifier=WASHED
- Additive Solution=(not specified)
- Anticoagulant=(not specified)
- Volume=(not specified)
- Storage Temp=REFG
- Mfr. Caution=NONE
- Open System=Yes
- Irradiated=Yes

The search returned product descriptions the following four ICCBBA products : E5170, E5316, E5654 and E5655. The E5168 product was not found.

Facility/Product Label, Collection Date & Time Placement

Previous releases printed the Collection Date and Time bar code above the facility name on the facility/product label form. This has been corrected to print the facility name and location information above the collection date and time bar code.

The HemaTraxLIB.dll has been updated to (Build 09281.1356) as part of this fix.

Irradiated and Opened System Search Attributes

It was discovered that when the Irradiated check box and the Opened System check box were both not checked that a product search would return matches inclusively for all four possible combinations of these check boxes. In other words not checking either of these attribute boxes would yield not only a match for the product that was neither irradiated nor opened, but also that product which was irradiated, that product which was opened and that product that was both irradiated and opened. The matching logic has been changed to now comply with the intent for these check boxes as shown in the table below:

Irradiated Box	Opened System Box	Resulting Product Matches
Not Checked	Not Checked	Product neither irradiated or opened
Checked	Not Checked	Product is irradiated and not opened
Not Checked	Checked	Product not irradiated and is opened
Checked	Checked	Product is irradiated and is opened