



## STEM CELL LABORATORY (STCL)



**DOCUMENT NUMBER:** STCL-PROC-035 FRM1

**DOCUMENT TITLE:**

Manual Differential, Cord Blood Units

**DOCUMENT NOTES:**

.Was STCL-PROC-035 Form 1 Differential Worksheet

### Document Information

**Revision:** 5

**Vault:** STCL-Processing-rel

**Status:** Release

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### Date Information

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### Control Information

**Author:** WATE02

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**Previous Number:** 9D.211.03 \ (FRM1\)

**Change Number:** STCL-CCR-034

**STCL-PROC-035 (FRM1)**  
**Manual Differential (Slide Method) - CBUs for CCBB Program**

Manual 100-Cell Differential (**Cord Blood Units for CCBB Program**) – (%) Percentage

**Bar Code**

**Blasts****NRBC****Promyelocytes****Myelocytes****Metamyelocytes****Bands****Segmented Neutrophils****Eosinophils****Basophils****Lymphocytes****Monocytes****Plasma cells****Other**

| <b>PRE-PROCESSING</b><br>%<br>Collection bag (Pre-Hespan) | <b>POST-PROCESSING</b><br>%<br>(Volume depleted/RBC reduced) |
|-----------------------------------------------------------|--------------------------------------------------------------|
|                                                           |                                                              |
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|                                                           |                                                              |
|                                                           |                                                              |
|                                                           |                                                              |
| Plt Estimate _____ K                                      | Plt Estimate _____ K                                         |
| Morphology OK? ____ Y ____ N                              | Morphology OK? ____ Y ____ N                                 |

Platelet Est / Morph? ☐ Yes ☐ No

% NRBCs \_\_\_\_\_ / \_\_\_\_\_      % Mononuclear cells \* \_\_\_\_\_ / \_\_\_\_\_

\* Mononuclear Cells = Blasts + Lymphs + Monos

\_\_\_\_\_  
**Technologist's signature**\_\_\_\_\_  
**Date**\_\_\_\_\_  
**Study ID***N/A = Not Applicable*

STCL-PROC-035 (FRM1) Manual Differential (Slide Method) - CBUs for CCBB Program

Example

STCL, DUMC

Durham, NC

| INSTRUCTIONS                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Field                                                                                 | Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>PRE-PROCESSING</b><br>%<br>Collection bag (Pre-Hespan)                             | Enter the raw count of each cell type and their percentage for the collection bag (when counting 100 cells). For CCBB UCB units, the NRBC count is INCLUDE NRBCs in the 100 cell differential.                                                                                                                                                                                                                                                               |
| <b>POST-PROCESSING</b><br>%<br>(Volume depleted/RBC reduced)                          | Enter the raw count of each cell type and their percentage for the collection bag (when counting 100 cells). For CCBB UCB units, the NRBC count is INCLUDE NRBCs in the 100 cell differential.                                                                                                                                                                                                                                                               |
| <b>Platelet Est / Morph?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No | <p>If <b><u>YES</u></b> is checked, perform platelet estimate and morphology on the slide.</p> <ul style="list-style-type: none"> <li>• Platelet Estimate should be entered on the line provided (ie. 20,000 = 20K)</li> <li>• Morphology OK? (Check) YES if morphology is OK, (Check) NO, if morphology is NOT normal.</li> </ul> <p>If <b><u>NO</u></b> is checked, leave fields blank as no platelet estimate or morphology check is being requested.</p> |
| <b>% NRBCs</b>                                                                        | Enter the raw # of NRBCs from the Pre-Processing fraction and the Post-Processing fraction (Pre # / Post #).                                                                                                                                                                                                                                                                                                                                                 |
| <b>% Mononuclear Cells (MNCs)</b>                                                     | Enter the raw # of MNCs from the Pre-Processing fraction and the Post-Processing fraction. The % MNCs is equal to the # of Blasts + Lymphs + Monos.                                                                                                                                                                                                                                                                                                          |

STCL-PROC-035 (FRM1) Manual Differential (Slide Method) - CBUs for CCBB Program

Example

STCL, DUMC

Durham, NC

**Signature Manifest****Document Number:** STCL-PROC-035 FRM1**Revision:** 5**Title:** Manual Differential, Cord Blood Units**STCL-PROC-035 FRM1 Man Diff CCBB****Author Approval**

| Name/Signature                  | Title | Date                     | Meaning/Reason |
|---------------------------------|-------|--------------------------|----------------|
| Barbara Waters-Pick<br>(WATE02) |       | 22 May 2012, 05:46:43 PM | Approved       |

**Manager Approval**

| Name/Signature                  | Title | Date                     | Meaning/Reason |
|---------------------------------|-------|--------------------------|----------------|
| Barbara Waters-Pick<br>(WATE02) |       | 22 May 2012, 05:47:03 PM | Approved       |

**Medical Director Approval**

| Name/Signature                 | Title | Date                     | Meaning/Reason |
|--------------------------------|-------|--------------------------|----------------|
| Joanne Kurtzberg<br>(KURTZ001) |       | 22 May 2012, 07:05:16 PM | Approved       |

**QA Approval**

| Name/Signature          | Title | Date                     | Meaning/Reason |
|-------------------------|-------|--------------------------|----------------|
| Linda Sledge (SLEDG006) |       | 23 May 2012, 08:31:38 AM | Approved       |

**Notification**

| Name/Signature                  | Title | Date                     | Meaning/Reason |
|---------------------------------|-------|--------------------------|----------------|
| Barbara Waters-Pick<br>(WATE02) |       | 23 May 2012, 08:31:38 AM | Email Sent     |