**Purpose:**

To ensure access to sample status and assay results, which are displayed in the Daily Journal as soon as they are available.

**Procedure:**

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| **Step** | **Action** | **Related Documents** |
| 1 | To view the daily journal:   * Touch the ‘Samples and Controls’ button to open the ‘Samples and Controls’ submenu. * Touch the ‘Daily Journal’ button to open the Daily Journal dialog.   The Daily Journal will display information about the samples in a column format. |  |
| **Explanation of columns** | | |
| 2 | Sample Type   * Green indicates a routine sample * Blue indicates a control * Red indicates an STAT sample |  |
| 3 | Sample ID – Alphanumeric character or barcode |  |
| 4 | Track position   * Indicates rack number and position in rack. Example: 1:1 = rack #1, sample position #1. * Information will be removed once sample is removed from analyzer. |  |
| 5 | Name, First name, Date of birth   * Indicates last name, first name and date of birth, if entered. * Items in the rows are separated by commas |  |
| 6 | Patient ID (if entered) |  |

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| **Step** | **Action** | **Related Documents** |
| **Explanation of columns (continued)** | | |
| 7 | Status = information on the current status of the sample   * Requested (icon=sheet of paper): Sample has been requested but has not been loaded on the analyzer * Loaded (icon=specimen rack): Sample is on the analyzer * Active (icon=strip/pipette): Sample is currently being processed * Ready (icon=test well): Sample has been processed successfully * Ready with new request, unloaded (icon=test well with paper overlaid): Sample has been processed successfully and additional tests have been requested but sample is not on the instrument. * Ready with new request, loaded (icon=test well with specimen rack overlaid): Sample has been processed successfully and additional tests have been requested and sample is still on the analyzer. * Validated (icon=check mark): Sample results have been validated. * Validated samples can be viewed but not edited. * Faulty (icon=X mark): Sample could not be processed. |  |
| 8 | Date – time = sample status   * If the sample has been loaded, the loading time is indicated. * If the run has been started, the expected time of completion is displayed. * If the testing is completed, the final result time is displayed. |  |
| 9 | Results = Summary of the assay results for the sample. |  |
| 10 | Flags = further information on the sample   * Question mark (?) icon: Flags exist for the sample. * Paper icon: Test requests exist for the sample. * Test well icon: Sample is currently being read in the measurement chamber. |  |
| **Sorting in columns** | | |
| 11 | The column headers are designated as buttons. |  |
| 12 | Touch a button to sort the list according to the selected criteria either numerically or alphabetically in ascending order. |  |
| 13 | The current sort criterion is displayed in the ‘Sort by’ field. |  |
| **Searching columns** | | |
| 16 | This feature is available in the Sample ID and the Name, First name, Date of Birth columns. |  |
| 17 | To search for a sample ID   * Select the column ‘Sample ID’ * Enter the alphanumeric character sequence in the ‘Search Key’ text box |  |
| **Buttons in Daily Journal** | | |
| 18 | Validate   * + - Starts the sample-oriented validation by opening the ‘Daily Journal Strip Display (Validation)’ dialog.     - Allows operator to visually review and validate results by sample.     - Only users authorized as a ‘validator’ can validate results.   Batch Validation   * + - Starts the batch validation by opening the ‘Batch validation’ dialog.     - Allows the operator to visually review and validate results by tests.     - Only users authorized as a ‘validator’ can validate results.   Change QC Status   * + - Resets the failed QC status to OK.     - The QC warning icon will stop flashing red     - Button is active only after a control result failed.   Detail   * + - Opens the ‘Strip Display’ dialog which shows the result images of the selected sample.     - You can review results, but you cannot edit them.     - You can also open the ‘Strip Display’ dialog by double touching a row.   Delete   * + - Deletes the selected row(s) and thus the sample and patient data.   Export   * + - Opens the ‘Export’ dialog     - You can export the selected row or multiple samples selected using a filter,     - Export is used to print reports or send data to the LIS.   OK   * Closes the ‘Daily Journal’ dialog and returns to the Main Menu. | Tango Infinity: User Profiles and Passwords  Tango Infinity: Validation and Export of Results  Tango Infinity: Control Result Validation |
| **Step** | **Action** | **Related Documents** |
| **To view individual results for a sample** | | |
| 19 | Touch the ‘Detail’ button or double touch the row to open up the ‘Strip Display’ dialog.   * The ‘Daily Journal-Strip Display’ dialog shows: * For sample: the sample ID, type of sample, patient ID (if applicable), Status, Flags, * For the result: The result of each individual assay, the overall result of the sample, any related flag * For the displayed assay: The assay name, date of execution, images of each individual well, well name, well result, well related flags, and result of the displayed assays * If all well images are not displayed, use the arrow buttons to scroll to additional images. * Results can be viewed but not edited. |  |
| 20 | Touch the ‘Validate’ button to scroll through the list of results in the Daily Journal/Strip Display (Validation) window.   * In this dialog, results may be changed, verified and validated. |  |
| 21 | The Daily Journal/Strip Display window looks similar in both the Detail and Validate modes but the edit feature is available for use only in the Validate mode. | Tango Infinity: Validation and Export of Results |

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| **Step** | **Action** | **Related Documents** |
| **To view individual results for a sample (continued)** | | |
| 22 | Patient data which cannot be edited is displayed:   * Sample ID, Type, Status of the samples, and flags. |  |
| 23 | Flags associated with well/sample results:   * 6 = Patient sample: Clot detected * 7 = Reagent Bay (cooled): Temperature exceeded * 15 = Washer: Insufficient aspiration during washing process * 16 = TANGO infinity paused for more than one minute * 17 = Sample rack removed too early * 19 = Incubator temperature out of range * 21 = Reagent: Not pipetted * 22 = Reagent: Maximum dive-in depth reached during aspiration * 23 =Reagent: No liquid * 26 = Sample: No Plasma/Serum * 27 = Sample: Not enough Plasma/Serum * 29 = OLV: Wrong volume aspirated * 32 = Result edited manually |  |
| **Result Area** | | |
| 24 | Result:   * Shows the overall results. Results can only be edited in the validation mode. * The following error flags can appear if a result cannot be generated from the images * ?DYN? = Dynamic check failure: ABO discrepancy – cell typing does not match reverse typing * ?S? = Static check failure: negative control is not negative * ?F? = Forward check failure: discrepancy with previous results in database. |  |
| 25 | Flag   * Result related flags are displayed |  |
| 26 | Validated by   * This box shows the user name of the person responsible for validation * This box is only filled after validation and cannot be edited |  |
| 27 | Date   * Display date and time of the validation |  |
| 28 | Remarks   * A comment can be entered in this box * NOTE: a comment is required if the result has been modified |  |

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| **Step** | **Action** | | **Related Documents** |
| **Strip Results Area** | | | |
| 29 | Images of strips are displayed with the respective reaction strength. Each assay for a sample is displayed on a separate page. |  | |
| 30 | The reaction strength is indicated as “-“, “+/-“, “+”, “++”, “+++”, or “++++”.   * Other indicators are: * “()”: Empty well for Erytype S * “[]”: Empty well for Solidscreen II Strip * “?”: Reaction strength could not be determined. * When individual wells have the following results or interpretations, no result can be derived for the assay: “+/-“, “?”, “()” and “[]”. * Images of invalid test results appear dark. * Flags below the individual images display essential information about the well. Details are displayed if the image is enlarged. |  | |
| 31 | To enlarge an image:   * Touch the image to be enlarged. * The result for that well is displayed in the bottom right corner of the screen below the image. * In Validation mode, the results can be modified by selecting one of the result buttons below the image. * Touch the ‘Process Data’ button to show test parameters of the respective sample (lot numbers, temperatures, etc.). * Touch the ‘OK’ button to save any changes and return to the ‘Daily Journal/Strip Display’ window. | Tango Infinity: Validation and Export of Results | |

**References**

TANGO infinity User Manual, Version 1.2.1