**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 PasswordsTango Infinity: Validation and Export of ResultsTango 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