

How to use TB-Feron ELISA Report S/W

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How to use TB-Feron Analysis Software (ELISA Report)

The screenshot shows the TB-Feron Analysis Software interface. The main window has a menu bar with '파일' (File) and 'Test'. Below the menu bar is a ribbon with several groups of icons: 'Data' (Paste, Property, Clear All), 'Format' (Default, Manual, Load, Save, View Names), and 'Analyze' (Calculate, Print, Result Export, Export Data). The main area is a data table with columns 1-12 and rows A-H. A 'Test property' dialog box is open, centered over the table. The dialog box contains the following text and fields:

Test property

Type the information of the test which contains Test Date, Test Number, Kit batch Number and an Operator.

Test Date: 11/17/2017

Test Number: [Empty text box]

Kit Batch Number: [Empty text box]

Operator: [Empty text box]

Buttons: OK, Cancel

The 'Cancel' button is highlighted with a red box, and a red arrow points to it with the text 'Click 'Cancel''.

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E												
F												
G												
H												



How to use TB-Feron Analysis Software (ELISA Report)

- By clicking “File → Options”, you can select language option.

The screenshot displays the 'ELISA Report' software window. The title bar reads 'ER ELISA Report'. The menu bar includes 'File', 'Data', 'Format', and 'Analyze'. The 'File' menu is open, showing options like 'New Test', 'Write-in test', 'Clear All', 'Load', 'Save', 'View Names', 'Calculate', 'Print', 'Result Export', and 'Data Export'. A message at the top of the grid area states: 'No properties have been defined. [Click here to edit.](#)'

The 'Options' dialog box is open, showing the following settings:

- Language: English
- Date format: Year/Month/Day (2020/3/20)
- SaveType: Save to .tbf File

The dialog box has 'OK' and 'Cancel' buttons at the bottom. The background grid has columns labeled 1 through 12 and rows labeled A through H. The status bar at the bottom shows 'Data' and 'Test Date | Test number | Kit-Batch number | Operator | ver 1.3.4.65'.



How to use TB-Feron Analysis Software (ELISA Report)

1. Paste raw data from the Excel sheet for automatic data entry.

The screenshot shows the software interface with the 'Paste' button in the ribbon highlighted by a red box. Below the ribbon is a data table with columns 4 through 12 and rows A through H. A tooltip for the 'Paste' button is visible, indicating 'Insert Clipboard contents'.

	4	5	6	7	8	9	10	11	12
A									
B									
C									
D									
E									
F									
G									
H									



How to use TB-Feron Analysis Software (ELISA Report)

2. Analysis Format: Assign “Standards”

: Click ‘Manual’ icon -> Click “Standards”-> Click “Random” -> Position each of the standards S1 to S4 by clicking on the appropriate cells, in order.

*To assign a set of standards –either vertically or horizontally- click “Vertical” or “Horizontal” and click on the cell that contains the data for standard S1. The chosen cell will be designated as S1, and the other standards will be appropriately positioned in adjacent cells, in order.

1.

The screenshot shows the TB-Feron ELISA Report software interface. The 'Manual' menu item is highlighted with a red box. The 'Manual Data Format' dialog box is open, showing the 'Standards' option selected under 'Item Type' and the 'Random' option selected under 'Standards Orientation'. The 'Current' field shows S1, S2, S3, S4. The data table below shows the following values:

	1	2	3	4
A	S1 1.219	0.034	1.203	0.069
B	S1 1.197	0.282	0.027	9.000
C	S2 0.267	0.812	0.028	0.042
D	S2 0.245	0.050	9.000	0.039
E	S3 0.066	0.536	0.031	3.377
F	S3 0.064	9.000	0.036	N/S
G	S4 0.017	0.042	9.000	N/S
H	S4 0.020	0.258	0.071	N/S



How to use TB-Feron Analysis Software (ELISA Report)

3. Analysis Format: Assign “Subject Samples”

: Select ‘In-Tube (Nil, Antigen, Mitogen)’ -> Select Samples Orientation -> Assign subject samples in order → Click “Close” to finish standard and sample assignment

ER ELISA Report

File

Paste Property New Test Write-in test Clear All Data

Default Manual Load Save View Names Format

Calculate Print Result Export Data Export Analyze

No properties have been defined. [Click here to edit.](#)

	1	2	3	4
A	S1 1.219	1N 0.034	3M 1.203	6A 0.069
B	S1 1.197	1A 0.282	4N 0.027	6M 9.000
C	S2 0.267	1M 0.812	4A 0.028	7N 0.042
D	S2 0.245	2N 0.050	4M 9.000	7A 0.039
E	S3 0.066	2A 0.536	5N 0.031	7M 3.377
F	S3 0.064	2M 9.000	5A 0.036	N/S
G	S4 0.017	3N 0.042	5M 9.000	N/S
H	S4 0.020	3A 0.258	6N 0.071	N/S

Manual Data Format

Item Type

Standards

Subject Samples

Clear All Samples

Samples Type

In-Tube (Nil, Antigen)

In-Tube (Nil, Antigen, Mitogen)

Samples Orientation

Vertical

Horizontal

Random

Current N A M

Close

Data

Test Date Test number Kit-Batch number Operator

ver 1.3.4.65



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4. Click “Calculate” and then you can see the standards and samples results as below.

5. Click “Print” if you want to print out the result.

ER ELISA Report

File

Paste Property New Test Write-in test Clear All Data

Default Manual Load Save View Names Format

Calculate

Print Result Export Data Export Analyze

No properties have been defined. [Click here to edit.](#)

Valid ELISA test run.

In-Tube(Nil, Antigen, Mitogen)

Subject	Nil	TB Ag	Mitogen	TB Ag- Nil	Mitogen- Nil	Result
ID 1	0.14	1.04	2.82	0.90	2.68	POSITIVE
ID 2	0.20	1.90	> 10	1.70	> 10	POSITIVE
ID 3	0.17	0.95	4.10	0.78	3.93	POSITIVE
ID 4	0.11	0.12	> 10	0.00	> 10	NEGATIVE
ID 5	0.13	0.15	> 10	0.02	> 10	NEGATIVE
ID 6	0.28	0.27	> 10	-0.01	> 10	NEGATIVE
ID 7	0.17	0.16	> 10	-0.01	> 10	NEGATIVE

	Conc	Mean	%CV	QC
S1	4.00	1.21	1.3	Pass
S2	1.00	0.26	6.1	Pass
S3	0.25	0.07	N/A	Pass
S4	0.00	0.02	N/A	Pass

Intercept: -1.3023
Slope: 1.0540
Correlation Coefficient: Pass 1.00

Calculated Plots

Data Analyze Result

Test Date Test number Kit-Batch number Operator

ver 1.3.4.65



How to use TB-Feron Analysis Software (ELISA Report)

6. Selecting the Print button will display a printing screen that is divided into two sections. The left side section displays the various printing options available, while the right side section displays a summary report of the ELISA details and results. You can save the result as PDF File as well.

Print

Print Copies: 1

Save as PDF

Printer

HP OfficeJet Pro 8710 PCL-3 (네트워크) [Printer Properties](#)

Settings

Print Standard Curve and Plate Formatting

All Subjects (Group Report)

Subject: ID 1

Close

ELISA Report Result 1/2

Version: 1.3.465

Run Date:
Operator:
Run Number:
Kit Batch Number:

Valid ELISA test run.

Results (IU/mL)	Nil	TB Ag	Mitogen	TB Ag+Nil	Mitogen+Nil	Result
ID 1	0.14	1.04	2.62	0.90	2.88	POSITIVE
ID 2	0.20	1.90	> 10	1.70	> 10	POSITIVE
ID 3	0.17	0.95	4.10	0.78	3.93	POSITIVE
ID 4	0.11	0.12	> 10	0.00	> 10	NEGATIVE
ID 5	0.13	0.15	> 10	0.02	> 10	NEGATIVE
ID 6	0.28	0.27	> 10	-0.01	> 10	NEGATIVE
ID 7	0.17	0.16	> 10	-0.01	> 10	NEGATIVE

Signature _____ Date _____

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Thank You

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