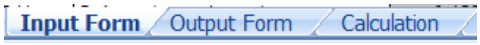
Explanations of the Evaluation

General Information

The **Immunolab Food Intolerance Screening Tests** are quantitative enzyme immunoassays (ELISA) based on the established microtiter technology. They provide a rapid, sensitive and reliable method for the detection of specific IgG and IgG_4 antibodies to multiple food antigens in order to identify potential food intolerances.

Immunolab offers a simple evaluation tool for the Food Intolerance Screening tests. This tool is based on a specially designed Excel file (*ILE-SCGXXX Calculation Tool*). The user just needs to enter the measured absorbance values into appropriate fields. These data entries result in an automated evaluation by a programmed mathematical algorithm. The use of the file is described below:

Explanation of the evaluation file (*ILE-SCGXXX Calculation Tool*):

- The evaluation file has the format Excel 2007, but can be also provided as Excel 97/2003 version.
- The evaluation file includes 3 tab sheets. 

- The 1st tab sheet 

is used to enter both patient data and obtained absorbance values. The data entry needs to be made in the cells highlighted with grey colour only. The remaining sheet is protected and does not accept any further entry.

Patient data

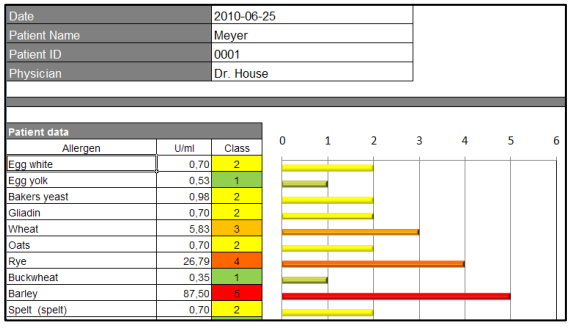
Date	2010-06-25
Patient Name	Meyer
Patient ID	0001
Physician	Dr. House

Absorbances

Standards	OD
OD 0.35 U/mL	0,200
OD 0.70 U/mL	0,500
OD 3.50 U/mL	0,800
OD 17,5 U/mL	1,400
OD 50 U/mL	2,100
OD 100 U/mL	2,500
Control	**OD**
Low positive control	0,300
High positive control	0,500
Antigen	**OD**
Egg white	0,500
Egg yolk	0,350
Baker's yeast	0,530

- The 2nd tab sheet 

is used for the output of the results in U/ml or classes. The latter are graphically presented as coloured bar chart for a better overview. The Output Form can be used as patient report as well.
The complete sheet is protected and does not accept further entries.



- The 3rd tab sheet 

includes the programmed mathematics required for the conversion of the absorbance values in U/ml. The complete sheet is protected and does not accept further entries.

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