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## SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien T. +43(0)1 489 3961-0 F. +43(0)1 489 3961-7 <u>mail@szabo-scandic.com</u> www.szabo-scandic.com

# Lonza

## Lucetta<sup>™</sup> Connect Software Instructions

Lucetta<sup>™</sup> Connect is a software solution for the easy download and storage of Lucetta<sup>™</sup> Results on a PC. For long-term storage, measurement results may be uploaded to a Windows Operating System and viewed and analyzed with Microsoft<sup>®</sup> Excel<sup>®</sup>. Data upload to a PC requires installation of the Lucetta<sup>™</sup> Connect software on the PC. This software is a separate product and is not included in the Lucetta<sup>™</sup> 2 Luminometer shipment. It needs to be ordered individually (Catalog number SAAF-1003).

Before you begin, please install the Lucetta<sup>™</sup> Connect software on your PC.

## Note

The Lucetta<sup>™</sup> Connect software is only compatible with a Windows Operating System (Windows 7 32/64 bit and Windows 10 32/64 bit) and cannot be used on a MacOS or Linux based computer.

- 1. Install the Lucetta<sup>™</sup> Connect software from the USB stick to your PC.
- 2. Open the Lucetta<sup>™</sup> Connect software on your PC by clicking on the Lucetta<sup>™</sup> Connect icon. Press START.



3. Follow the instructions displayed on the screen and press OK.

#### Getting started

- 1. Close all other measurement programs running on this PC before starting data transfer from Lucetta™ 2 Luminometer.
- Connect the Lucetta<sup>™</sup> 2 Luminometer to the PC via the USB port of your PC using the USB cable provided.
- 3. Switch on your Lucetta™ 2 Luminometer.

Ok

4. A new window opens. Follow the instructions displayed.

To upload measurement results from Lucetta™ 2 Luminometer to PC, perform the following steps on the Lucetta™ Display:

- 1. In the main menu, navigate to RESULTS and press OK.
- 2. Select PC UPLOAD and press OK.
- 3. Press OK to start result transfer.
- 4. If the transfer was successful, a filter result window opens on your PC.

If the result filter window does not open, press the "Scan again" button.



5. To choose a time frame for which you want to transfer data from the Lucetta<sup>™</sup> 2 Device to the PC, select a date and time (Figure 1; for additional details see section 5.3 in the manual). If default time frame is not changed, all data are transferred. You will be able to select a date range with Lucetta<sup>™</sup> Connect software after the upload (see step 8). Select START TRANSFER with arrow buttons ▲ ▼ and press OK to start data transfer.



Figure 1: Example of transfer result screen.

 If the result selection window does not open, press SCAN AGAIN button and repeat the steps 1 to 4 of the instruction window.

Note: When connecting the Lucetta<sup>™</sup> 2 Luminometer with a PC for the first time, device installation might be delayed.

7. If the data transfer was successful, a result filter window will open in the Lucetta<sup>™</sup> Connect software on your PC (Fig. 2).





- 8. Select the results to be saved in result files from the following options:
  - a. Last experiment only: last experiment is exported and a single result file is created (see Fig. 3).
  - b. Filter experiments by: select experiments filtered by date, start time of experiment, protocol and number of samples.
     For each experiment an individual Excel® result file is created.
  - c. Display all results in raw data view: all data are transferred and displayed in a raw data table (see Fig. 4).

	A	В	С	D	E	F	G	Н
1 2 3	LON Lucetta	ZC 2 Luminomete	er					
3 4								
5	Date:	2018/10/31	3:52					
6								
7	Protocol:	MycoAlertPLUS						
				Ratio				
9	Sample	Read A	Read B	Read B/Read A	Result			
	1	50	42	0.8	CLEAN			
	2	58	24	0.4	CLEAN			
	3	62	49	0.8	CLEAN			
	4	46	148	3.2	CONTAMINATED			
14	5	49	438	8.9	CONTAMINATED			
15	6	47	35	0.7	CLEAN			
16	7	60	24652	410.9	CONTAMINATED			
17								

Figure 3: Example of a MycoAlert™ Plus Mycoplasma Assay result file.

	А	В	С	D	E	F	G	н	1	J	K	L	M	N
	LON	70												
	Lucetta"	2 Lumino	meter											
	Luccita	Lummo	meter											
	10/10/18	11:30:37	MycoAlert PLUS	1.2	1	300	600	1	1	3	46	15	0.3	CLEAN
	10/10/18	11:30:47	MycoAlert PLUS	1.2	1	300	600	1	2	3	50	59	1.2	BORDERLINE, re-test
	10/10/18	11:30:53	MycoAlert PLUS	1.2	1	300	600	1	3	3	39	2852	73.1	CONTAMINATED
	10/12/18	11:57:56	MycoAlert	1.2	0.9	300	600	1	1	6	58	24	0.4	CLEAN
	10/12/18	11:58:00	MycoAlert	1.2	0.9	300	600	1	2	6	62	49	0.8	CLEAN
	10/12/18	11:58:06	MycoAlert	1.2	0.9	300	600	1	3	6	46	148	3.2	CONTAMINATED
	10/12/18	11:58:14	MycoAlert	1.2	0.9	300	600	1	4	6	49	438	8.9	CONTAMINATED
	10/12/18	11:58:22	MycoAlert	1.2	0.9	300	600	1	5	6	47	35	0.7	CLEAN
	10/12/18	11:58:30	MycoAlert	1.2	0.9	300	600	1	6	6	60	24652	410.9	CONTAMINATED
	10/12/18	15:49:14	Protocol 1	10000	5000	5	1	1635	pass					
	10/12/18	15:51:00	Protocol 1	10000	5000	5	2	1596	pass					
	10/12/18	15:52:12	Protocol 1	10000	5000	5	3	1586	pass					
	10/16/18	8:24:49	Protocol 1	10000	5000	10	1	2878	pass					
	10/16/18	8:25:21	Protocol 1	10000	5000	10	2	2836	pass					
	10/16/18	8:28:26	Protocol 1	10000	5000	10	3	2859	pass					
	10/16/18	8:29:24	Protocol 1	10000	5000	10	4	2796	pass					
	10/16/18	8:29:44	Protocol 1	10000	5000	10	5	2826	pass					
23	10/16/18	8:30:03	Protocol 1	10000	5000	10	6	2756	pass					

Figure 4: Example of a Lucetta™ Connect raw data file.

- 9. Press CREATE FILE to obtain result file(s).
- 10. Save result file(s).
  - a. If only one result file needs to be saved, determine the file name and location in the "Save As" dialog box and press SAVE (see Fig. 5).

C Save As						$\times$
← → × ↑ 🔲 > This PC > Desktop			~ Ō	Search Desktop		p
Organize 👻 New folder						?
This PC	^	Name		Date modified	Туре	^
E Desktop		Lucetta2-Data		1/30/2019 11:08 AM	File folde	r -
Documents		📙 Current trainii	ng	9/18/2018 1:09 PM	File folde	r
🖶 Downloads						
👌 Music						
E Pictures						
📕 Videos						
🖆 Windows (C:)						
👳 home_drive (H:)	~	<				>
File name: Lucetta2_MycoAlertPlus_2019-01	-11.x	lsx				~
Save as type:						~

Figure 5: Example of a "Save As" dialog box.

b. If multiple result files are to be saved, file names are automatically named following the scheme "Lucetta2\_Protocol name\_yyyy-MM-dd\_hh-mm". Select or create a folder in the "Browse For Folder" dialog box and press OK to save the result files (Fig. 6).

Browse For Folder $\times$						
Select folder to save your results.						
📃 Desktop		^				
> 🐔 OneD	lrive					
🔉 💻 This F	PC					
> 清 Librai	ries					
> 💣 Netw	ork					
> 🖭 Contr	rol Panel					
💿 Recyc	cle Bin					
Lucet	tta2-Data					
		~				
L						
Make New F	older OK Ca	ncel				

Figure 6: Example of a "Browse For Folder" dialog box.

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Use of Lucetta<sup>™</sup> Connect Software

If a Lucetta<sup>™</sup> Connect Software has been purchased, the software may be used in concert with one Lucetta<sup>™</sup> 2 Luminometer instrument. The purchase of the Lucetta<sup>™</sup> Connect Software entitles the user to install the software on several PCs.

You agree that you cannot, and will not transfer, lease or share the Lucetta<sup>™</sup> Connect Software, nor will you make access to the software available to other Lucetta<sup>™</sup> 2 Luminometer owners, nor permit anyone else to do so.

## **Contact Information**

#### North America

 Customer Service:
 +1 800 638 8174 (toll free)

 Fax:
 +1 301 845 8338

 order.us@lonza.com

 Scientific Support:
 +1 800 521 0390 (toll free)

 scientific.support@lonza.com

## Europe

Customer Service:+32 87 321 611order.europe@lonza.comScientific Support:+32 87 321 611scientific.support.eu@lonza.com

### International

Contact your local Lonza distributor Customer Service: +1 301 898 7025 scientific.support@lonza.com

#### International Offices

Australia	+61 3 9550 0883
Belgium	+32 87 321 611
Brazil	+55 11 2069 8800
China	+86 6430 3488
France	0800 91 19 81 (toll free)
Germany	0800 182 52 87 (toll free)
India	+91 22 4342 4000
Japan	+81 3 6264 0660
Luxemburg	+32 87 321 611
Singapore	+65 6521 4379
The Netherlands	0800 022 4525 (toll free)
United Kingdom	0808 234 97 88 (toll free)

Lonza Cologne GmbH–50829 Cologne Germany

### For research use only. Not for use in diagnostic procedures.

Manufacturer and distributor information: The Lucetta<sup>\*\*</sup> 2 Luminometer is manufactured by Berthold Technologies GmbH & Co. KG (Calmbacher Str. 22, 75323 Bad Wildbach, Germany) and distributed by Lonza Cologne GmbH (Nattermannallee 1, 50829 Cologne, Germany) and Lonza Walkersville, Inc. (8830 Biggs Ford Road, Walkersville, MD 21793).

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