

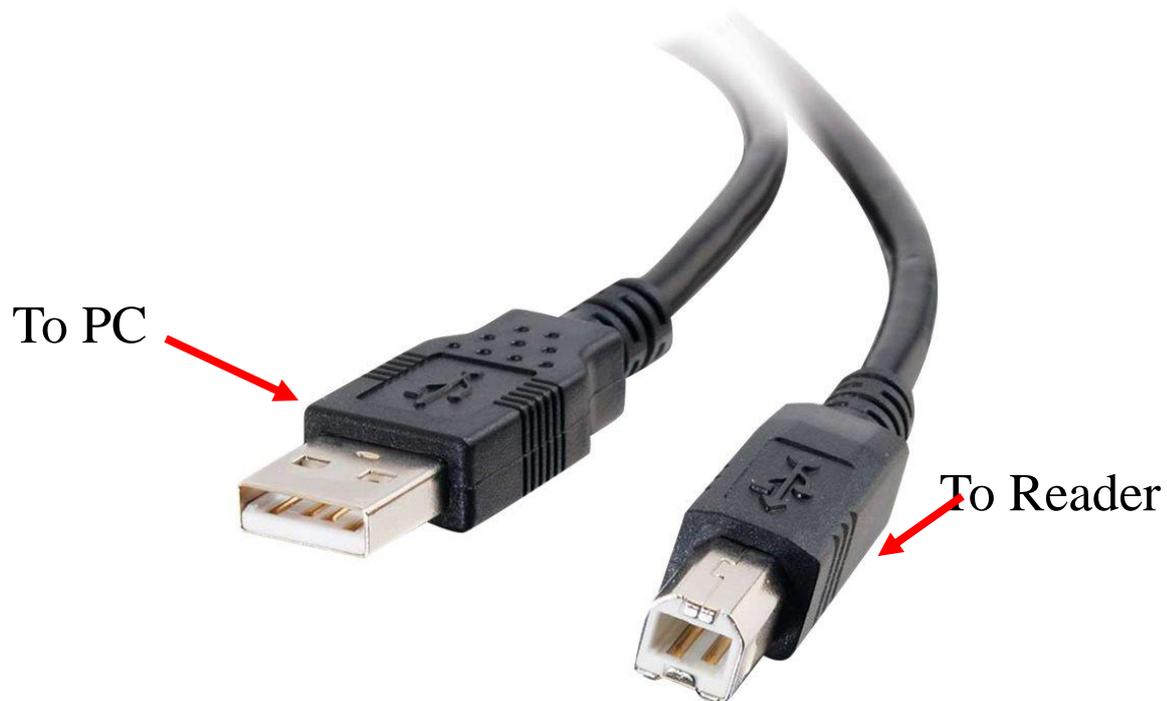
Data Transfer Procedure for ELISA PLATE READER using Application

- 1) First, confirm that operating system you are using on your computer is a 64 bit operating system.
- 2) Next, connect instrument to PC via A to B USB cable.

Picture of A to B USB Cable:



Connect A type end of this cable to PC and B type end to the back of the reader.



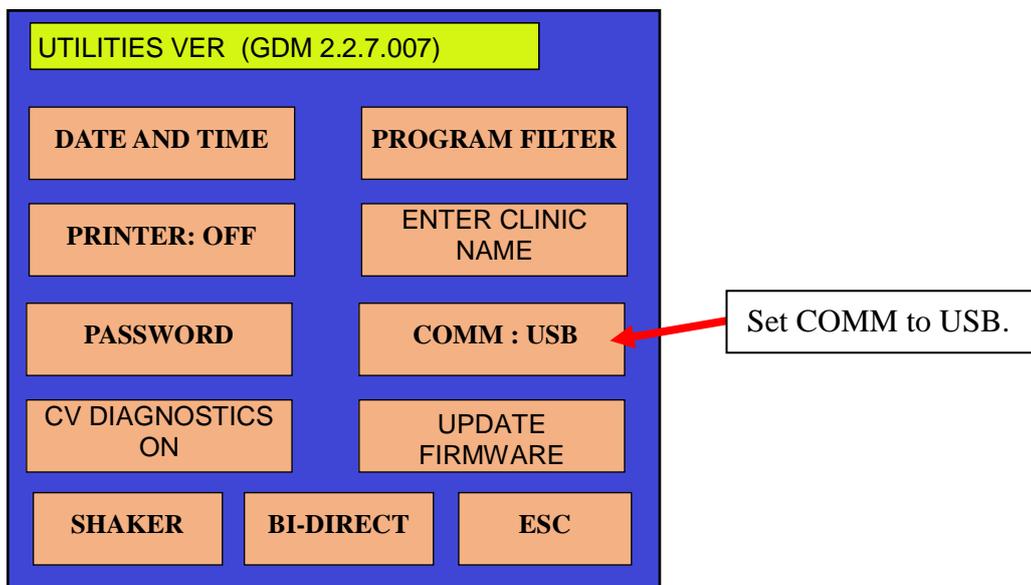
- 3) Installation of a Driver: This could be done in one of the following ways :
 - a) Go to Folder 64 bit Data Transfer >> Now select “**PL2303**” folder. . This particular folder consists of an Application namely-**PL2303_Prolific_DriverInstaller_v110**. Right click on this particular application and select ‘Run as administrator’

Wait while the installation of this driver gets completed.

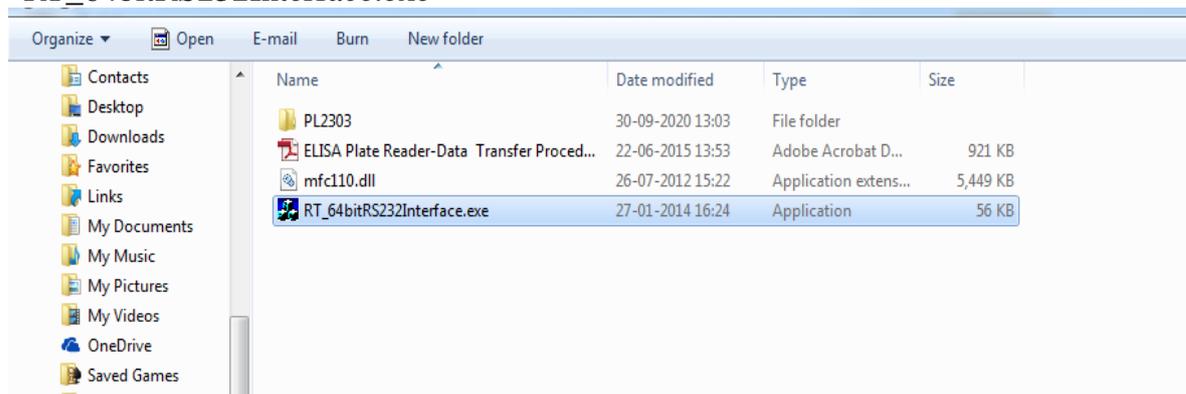
- b) Or you can go to Device Manager and see Unknown Device being detected. Here you can select that particular device and browse for Drivers. The drivers are provided in folder PL2303 .

If this doesn't complete driver installation, you can search online for Drivers.

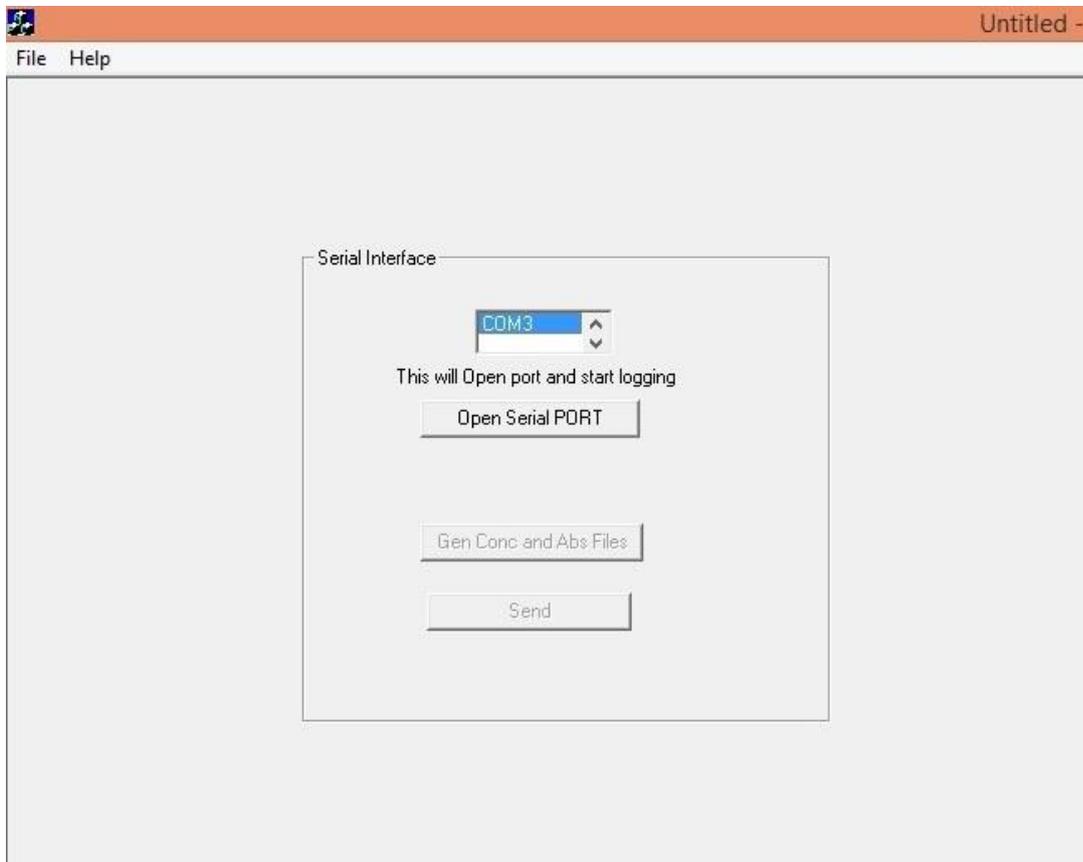
- 4) After installation of Driver is complete, you will see “Prolific USB-to-Serial Comm Port (COM3)” in Device Manager.
Note COM port number. It can be COM2, COM3 etc.
- 5) Now, in the instrument, go to Menu >> Utilities and make sure that COMMUNICATION has been set to USB.



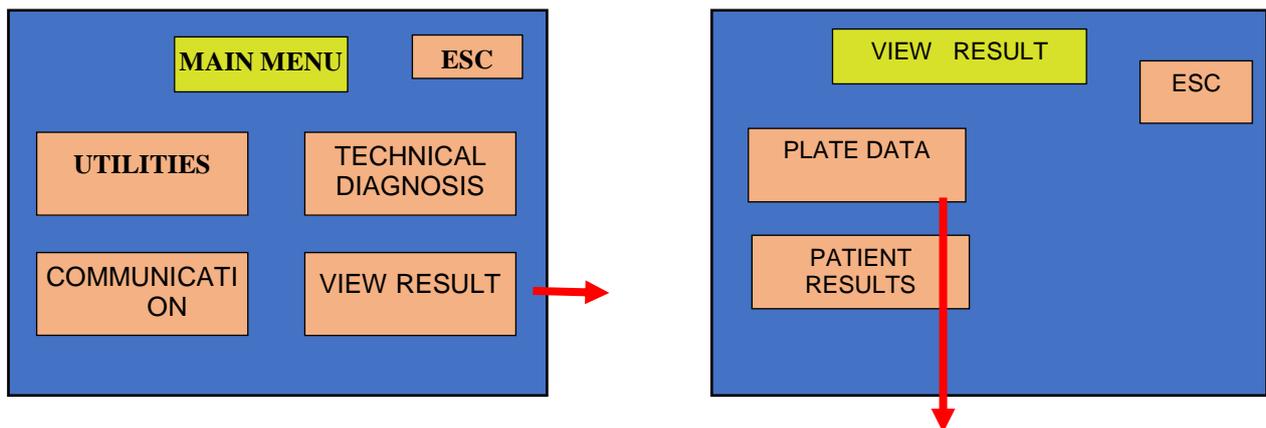
- 6) Now, go to Folder 64 bit Data Transfer. Double click on application “RT_64bitRS232Interface.exe”



7) After selecting this particular application, it will display the screen as shown below where user has to select COM port number noted in step 4. In our case, COM3 has been installed, hence select COM3 and then click on Open Serial PORT.(To know your COM port number, right click on My Computer/This PC->Manage/Properties-> Device Manager. Then click on Ports.



8) Now, Select VIEW RESULT from Main Menu and select PATE DATA.



NO	DATE	TEST	MODE
04	16/08/16	SIN	S
03	10/08/16	TSH	M
02	25/07/16	HBSAG	C
01	14/07/16	CPC	C

ESC VIEW NXT PRV PID

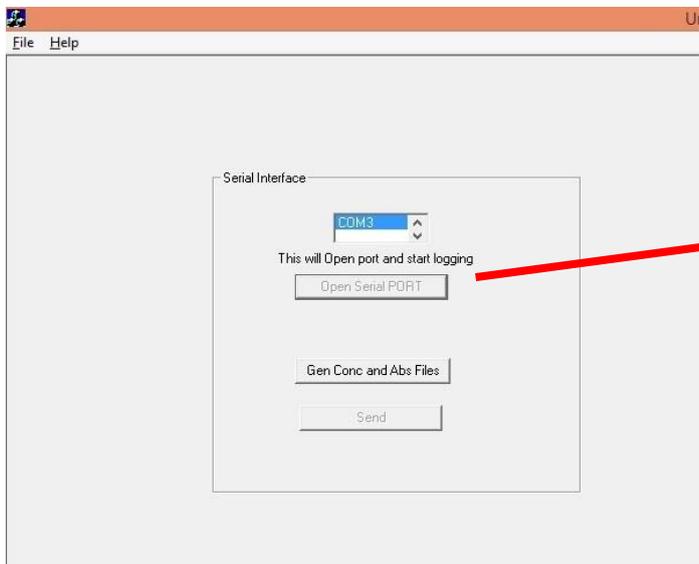
In Plate Data, Select the plate that you want to transfer to PC. Here we are selecting, HBSAG.
 Please note, these results will be saved here only if user has selected SAVE RESULT option after running the plate. (Similarly user has the option to immediately send data to PC after TEST RUN - by selecting SAVE RESULT >> SEND RESULT.)

NAME		MODE												
HBSAG		COFF		W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11
A	B1 0.050	S3 0.248												
B	NC1 0.006	S4 0.418												
C	NC2 0.012	S5 0.399												
D	NC3 0.115													
E	PC1 0.113													
F	PC2 0.119													
G	S1 0.226													
H	S2 0.219													

TABLE

ESC SEND RESULT PRINT MATRX PRINT RESULT

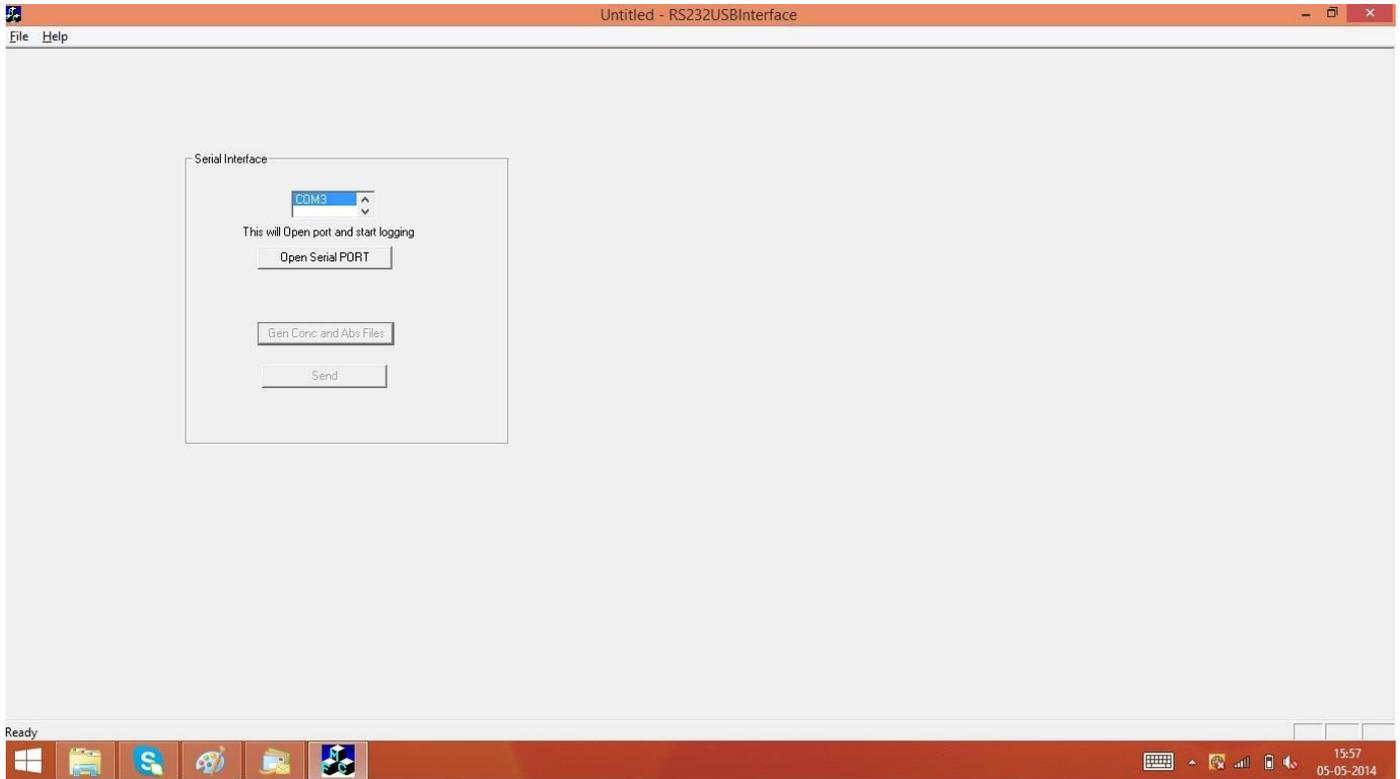
9) SELECT “SEND RESULTS” here. Instrument will prompt message, “SEND PLATE DATA?” YES/NO , **Before selecting YES,** Select “Open Serial Port” in Serial Interface application.



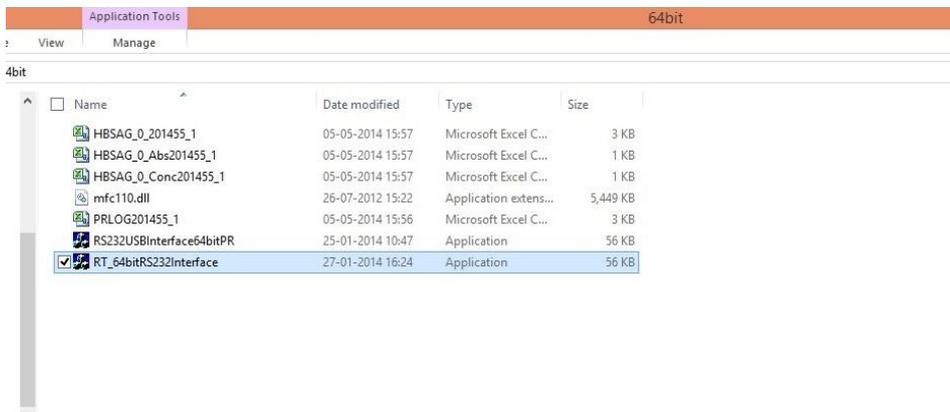
Select “Open SerialPort”, before selecting YES on instrument’s screen.

10) Now select “YES” button. This will transfer the results from instrument to PC
After sending all the data, the string “Sending.....” disappears from screen.

11) Once data sending is over, click on “Gen Conc and Abs Files” option. This will create excel files related to Concentration, Absorption, Plate Data and PRLOG in the same directory. Now, select “Close” button present on the top right side of Application screen.



12) Following is a view of files generated.



SIMILARLY WE CAN SEND PATIENT RESULTS.

13) check all the files one by one.

HBSAG_0_Abs201455_1 - Microsoft Excel

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1																					
2	HBSAG	05-05-2014	15:27:16	Cutabs= 0.957																	
3	A	0.05	0.46	0.009	0.006	0.002	0.004	0.015	0.01	0.002	0.014	0.014	0.012								
4	B	0.1	0.64	0.01	0.012	0.009	0.013	0.017	0.01	0.016	0.011	0.009	0.012								
5	C	0.12	0.79	0.011	0.01	0.012	0.011	0.015	0.012	0.011	0.013	0.015	0.014								
6	D	0.1	0.01	0.012	0.014	0.013	0.009	0.013	0.011	0.01	1.559	0.016	0.013								
7	E	0.6	0.009	0.011	0.013	0.013	0.01	0.011	0.011	0.009	0.001	0.014	0.339								
8	F	0.7	0.007	0.01	0.009	0.011	0.008	0.011	0.011	0.01	0.009	0.013	0.304								
9	G	0.18	0.009	0.009	0.01	0.01	0.008	0.011	0.013	0.009	0.009	0.012	0.156								
10	H	0.27	0.01	0.01	0.01	0.01	0.01	0.013	0.01	0.011	0.01	0.935	0.186								

HBSAG_0_Conc201455_1 - Microsoft Excel

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1																					
2	HBSAG	05-05-2014	15:27:16	Cutabs= 0.957																	
3	A	0	0.481	0	0	0	0	0	0	0	0	0	0								
4	B	0	0.669	0	0	0	0	0	0	0	0	0	0								
5	C	0	0.826	0	0	0	0	0	0	0	0	0	0								
6	D	0	0	0	0	0	0	0	0	0	0	0	0								
7	E	0	0	0	0	0	0	0	0	0	0	0	0								
8	F	0	0	0	0	0	0	0	0	0	0	0	0								
9	G	0.188	0	0	0	0	0	0	0	0	0	0	0								
10	H	0.282	0	0	0	0	0	0	0	0	0	0	0								

HBSAG_0_201455_1 - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1																				
2	HBSAG	05-05-2014	15:27:16	Cutabs=0.957																
3	A																			
4	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12								
5	BL	S3																		
6		ABCD102																		
7		0.05	0.46	0.009	0.006	0.002	0.004	0.015	0.01	0.002	0.014	0.014	0.012							
8		0	0.481	0	0	0	0	0	0	0	0	0	0							
9		NEG																		
10	B																			
11	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12								
12	NC	S4																		
13		ABCD103																		
14		0.1	0.64	0.01	0.012	0.009	0.013	0.017	0.01	0.016	0.011	0.009	0.012							
15		0	0.669	0	0	0	0	0	0	0	0	0	0							
16		NEG																		
17	C																			
18	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12								
19	NC	S5																		
20		ABCD104																		
21		0.12	0.79	0.011	0.01	0.012	0.011	0.015	0.012	0.011	0.013	0.015	0.014							
22		0	0.826	0	0	0	0	0	0	0	0	0	0							
23		NEG																		
24	D																			

Ready | HBSAG_0_201455_1 | 100% | 16:03 | 05-05-2014