Installing and Uninstalling QIAxcel[®] BioCalculator Software

This document describes how to install and uninstall BioCalculator Software from your computer. It also provides brief information about new RNA and Fast Analysis modes, which are found in BioCalculator Software v3.2.

Installing BioCalculator Software

Important points before starting

- Previously installed versions of the BioCalculator Software must be uninstalled before the new version can be installed (see page 5).
- Before launching the newly installed BioCalculator Software for the first time, the QIAxcel instrument must be switched off and then back on to ensure that the firmware update is uploaded to the instrument.
- The software key should be removed before starting the installation procedure.

Procedure

- 1. Insert the BioCalculator Software installation CD into the CD drive.
- 2. Browse to the CD and double-click the BioCalculator.msi file to open it. The InstallShield[®] wizard appears.

🛱 QIAxcel BioCalculator - Ins	tallShield Wizard
E	Welcome to the InstallShield Wizard for QIAxcel BioCalculator
	The InstallShield(R) Wizard will install QIAxcel BioCalculator on your computer. To continue, click Next.
A	WARNING: This program is protected by copyright law and international treaties.
	< Back Next > Cancel



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3. Click the "Next" button to continue.

If the software is not installed on the computer, the license agreement appears.

If the "Program maintenance" wizard appears, the BioCalculator Software is already installed and the old version must be removed before the new version can be installed (see page 5).

4. Read the license agreement carefully, select "I accept the terms in the license agreement", and click the "Next" button to continue.



5. Enter your user name and the name of your organization. Select a sharing option, and click the "Next" button to continue.

ustomer Information		
Please enter your information.		
User Name:		
Organization:		
Qiagen Instruments AG		
Install this application for:		
Install this application for:	computer (all users)	
Install this application for:	computer (all users)	
Anyone who uses this	computer (all users)	
Anyone who uses this	computer (all users)	

6. Specify the name and location of the destination folder, and click the "Next" button to continue.

If you do not wish to use the default folder, click the "Change" button to specify a new name or location.

	BioCalculator - InstallShield	d Wizard		×
	i on Folder <t clicl<="" folder,="" install="" or="" th="" this="" to=""><th>< Change to install</th><th>to a different folde</th><th>er.</th></t>	< Change to install	to a different folde	er.
A	Install QIAxcel BioCalculator t			
	C:\Programme\QIAxcel BioCal	lculator\		Change
InstallShield -				- 1
		< Back	Next >	Cancel

7. Review the installation settings.

Click the "Back" button to change any of the settings.

QIAxcel BioCalculator - InstallShiel	ld Wizard	
Ready to Install the Program The wizard is ready to begin installation	٦.	
If you want to review or change any of exit the wizard.	f your installation settings, o	lick Back, Click Cancel to
Current Settings:		
Setup Type:		
Typical		
Destination Folder:		
C:\Programme\QIAxcel BioCalculat	:or\	
User Information:		
Name:		
Company: Qiagen Instruments AG		
l talishield		
	< Back In:	stall Cancel

8. Click the "Install" button to start the installation. A progress bar indicating the status of the installation appears.

The installation can be stopped by clicking "Cancel".

📳 QIAxcel E	BioCalculator - InstallShiel	d Wizard		_ 🗆 ×
100 100 100 100 100 100 100 100 100 100	QIAxcel BioCalculator ram features you selected are	being installed.		44
F	Please wait while the InstallS may take several minutes.	hield Wizard installs	QIAxcel BioCalculat	tor. This
	Status:			
	Copying new files			
InstallShield -				
		< Back	Next >	Cancel

9. When installation is complete, click the "Finish" button to close the wizard.

Installing and uninstalling BioCalculator Software (Oct-09)

🕞 QIAxcel BioCalculator - Insl	allShield Wizard	x
	InstallShield Wizard Completed	
	The InstallShield Wizard has successfully installed QIAxcel BioCalculator. Click Finish to exit the wizard.	
A		
	< Back [Finish] Cancel	

10. Switch the QIAxcel off and then back on to ensure that the instrument firmware is updated.

When the BioCalculator Software is launched for the first time, two messages appear.

11. When the first message is displayed, click "OK" to initiate automatic creation of the configuration file.

BioCalculator	(
Error loading configuration file	
ОК	

12. When the second message is displayed, click "OK" to initiate automatic creation of the calibration file.

BioCalculator	×
Unable to load intensity calibration	file
OK	

Uninstalling BioCalculator Software

Important point before starting

BioCalculator Software must be uninstalled before installing a newer version of the software.

Procedure

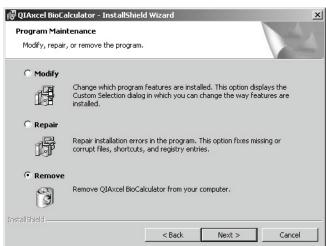
- 1. Insert the BioCalculator Software installation CD into the CD drive.
- 2. Browse to the CD and double-click the BioCalculator.msi file to open it. The InstallShield wizard appears.

🙀 QIAxcel BioCalculator - Ins	tallShield Wizard
E	Welcome to the InstallShield Wizard for QIAxcel BioCalculator
	The InstallShield(R) Wizard will install QIAxcel BioCalculator on your computer. To continue, click Next.
A	WARNING: This program is protected by copyright law and international treaties.
	< Back Next > Cancel

3. Click the "Next" button to continue.

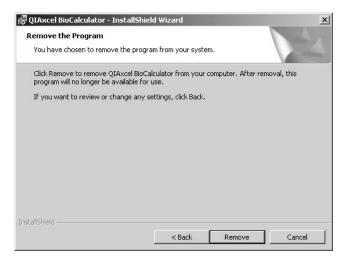
If the software is already installed on the computer, the "Program Maintenance" dialog box is displayed.

If the license agreement appears, a previous version of BioCalculator Software is not installed (see page 2).



- 4. Select "Remove", and click the "Next" button to continue.
- 5. The "Remove the Program" dialog box appears. To uninstall the software, click the "Remove" button.

Installing and uninstalling BioCalculator Software (Oct-09)

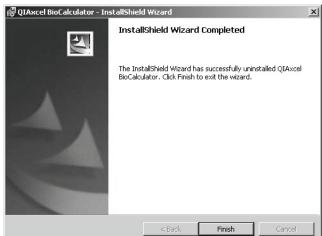


6. A progress bar indicating the status of the software removal procedure is displayed.

The software removal procedure can be stopped by clicking "Cancel".

侵 QIAxcel I	BioCalculator - InstallShield Wizard
	ng QIAxcel BioCalculator rram features you selected are being uninstalled.
假	Please wait while the InstallShield Wizard uninstalls QIAxcel BioCalculator. This may take several minutes.
	Status:
	Validating install
InstallShield –	
	< Back Next > Cancel

7. When BioCalculator Software has been uninstalled, click the "Finish" button to close the wizard.



8. Navigate to the folder C:\Program Files\QIAxcel BioCalculator and delete the hdactrl.cfg and hdactrl-fa.cfg files, if available. After these files have been deleted, installation of a newer version of BioCalculator Software can be performed (see page 1).

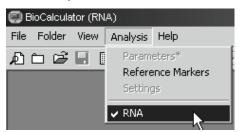
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Software modes

When using the QIAxcel RNA QC Kit V2.0 (cat. no. 929104), QIAxcel DNA High Resolution Kit (cat. no. 929002), QIAxcel DNA Screening Kit (cat. no. 929004), or QIAxcel DNA Large Fragment Kit (cat. no. 929006), make sure to insert the blue software key into the USB port of the computer. The red software key must be used with the QIAxcel DNA Fast Analysis Kit (cat. no. 929008).

RNA mode

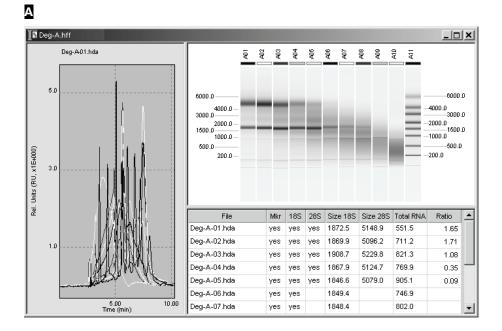
BioCalculator Software V3.2 has a separate mode for analysis of RNA. To switch to RNA mode, select "Analysis/RNA" in the menu bar.



Note: It is not possible to switch from DNA to RNA or RNA to DNA mode if any data files are open. Make sure all data files are closed.

In RNA mode, the layout of the "Folder view" window is different to that in DNA mode, and the results of RNA analysis are displayed (Figure 1A and 1B, page 8). The electropherogram is also displayed differently together with specific information from the RNA analysis procedure (Figure 2, page 9). For detailed information about RNA analysis, refer to Appendix A in the QIAxcel RNA Handbook, October 2009.

Note: All features previously available in BioCalculator Software can be accessed in DNA mode.



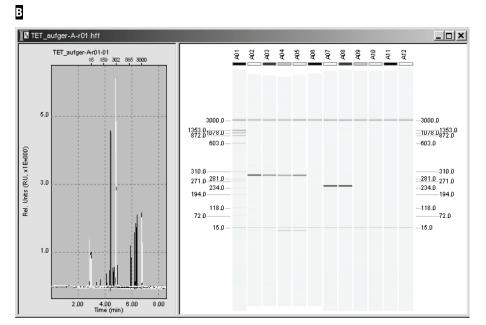
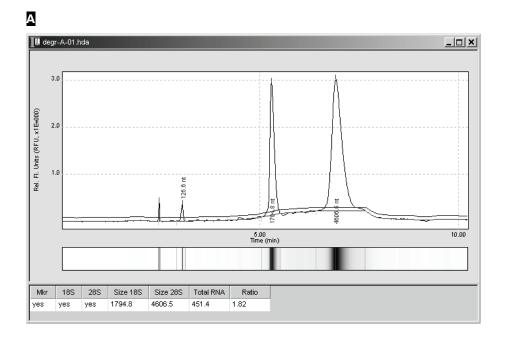


Figure 1. BioCalculator Software "Folder view". Results of A RNA analysis and B DNA analysis are displayed.



В

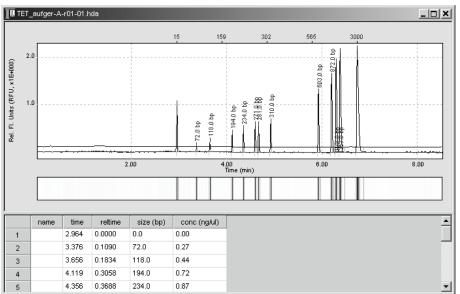


Figure 2. Results displayed in electropherogram format. Results of A RNA and B DNA analysis are displayed.

Fast Analysis mode

BioCalculator Software V3.2 can be used in Fast Analysis mode with the QIAxcel DNA Fast Analysis Kit, enabling fast separation of DNA molecules up to 3 kb in size. For detailed information about the QIAxcel DNA Fast Analysis Kit, refer to the QIAxcel DNA Fast Analysis Handbook, October 2009. Fast Analysis mode can be launched by inserting the red software key (cat. no. 9018394) into the USB port of the computer. Additional software installation is not required.

If Fast Analysis mode is active, "BioCalculator (Fast Analysis)" appears in the upper left corner of the BioCalculator Software window (Figure 3). In addition, "BioCalculator Fast Analysis" is displayed in the "About BioCalculator" window. To open the "About BioCalculator" window, select "Help/About BioCalculator..." from the menu bar.

2	В
🕼 BioCalculator (Fast Analysis)	About BioCalculator
File Folder View Analysis Help	BioCalculator™ Fast Analysis
20028	Version 3.2
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Figure 3. BioCalculator Software Fast Analysis mode. Fast Analysis mode is indicated in A the BioCalculator Software window and B the "About BioCalculator" window.

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