

# **Biacore X100 Plus**

## **Package Software version**

### **2.0.2**

Release note

# Introduction

This document describes Biacore™ X100 Plus Package Software version 2.0.2 in terms of added and changed functionality compared to Biacore X100 Software version 2.0.1. Known remaining software issue is described. See also the *Biacore X100 Software version 2.0.2 Software note*.

The difference in version 2.0.2 compared to 2.0.1 is that version 2.0.2 supports Windows® 7 and 10 64-bit operating systems only.

*The software note is also accessible on the web using the product key. Please check the web version for the latest information.*

## Software included

Biacore X100 Plus Package Software v. 2.0.2.

## System requirements

Biacore X100 Plus Package Software v. 2.0.2. requires Microsoft® Windows 7 Professional, 64-bit, US English version. Microsoft Windows 10 Professional, 64-bit US English version.

The Biacore X100 software version 2.0.2 does not support any 32-bit Windows operating system

## Upgrading from version 2.0.1.

Before Biacore X100 Plus Package Software v. 2.0.2. is installed, Biacore X100 Control Software and Evaluation Software version 2.0.2 need to be installed. Read the *Biacore X100 Software v 2.0.2 Software note* for further details.

## Functionality

The optional Biacore X100 Plus Package is a combined hardware and software package that provides enhanced functionality and flexibility.

There is no new functionality, known remaining issues are listed below.

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The functionality is described in more detail in *Biacore X100 Instrument Handbook*.

### Functionality

*Solvent correction*

Analysis of small molecules requiring presence of dimethyl sulfoxide (DMSO) for aqueous solubility is supported through a number of pre-defined wizard templates that are used with the Custom Assay Wizard (see below).

#### *Concentration analysis*

Analyte concentration related to specific binding in samples can be determined either with the help of a calibration curve using known concentrations or using the novel method Calibration-free concentration analysis (CFCA), which determines concentration without the need for calibration samples.

#### *Variable analysis temperature control*

The analysis temperature can be set to any temperature between 4 and 40 °C.

#### *Custom assay wizard*

The Custom assay wizard offers flexibility in instrument control, providing support for applications that cannot conveniently be handled with the other wizards. Templates from application-specific wizards can be opened in the Custom assay wizard to provide a starting point for development of customized applications.

#### *Custom immobilization*

Supports custom immobilization methods, which can be used if none of the predefined immobilization methods is suitable for the application.

#### *User-defined fitting models*

New kinetics/affinity models can be created.

### **New functionality**

No	Description
1	Biacore X100 Plus Package Software v. 2.0.2. requires Microsoft Windows 7 Professional, 64-bit, US English version. Microsoft Windows 10 Professional, 64-bit US English version.

### **Changed functionality**

No functionality has changed compared to version 2.0.1.

### **Remaining issue**

No	Description
1	No Description 1 Chi2 is undefined for four-parameter fits of concentration calibration curves with four data points. Despite this, the Evaluation software reports Chi2 to be 0 in this case instead of N/A which would be the correct value



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