

Maintenance calendar



Maintenance

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The purpose of the maintenance calendar is to provide a structured method for routine maintenance of the Biacore machine ⁽¹⁾.

The maintenance calendar is a month based table with all the returning maintenance procedures. Check the items which are performed with a or an S when skipped.

In addition, refer to the standard protocols file for the explanation of the methods.

The actual calendar is in a separate file.

Calendar

Daily	Degas	The flow buffer should be degassed every day prior to the start of the experiment.
	Prime	The fresh degassed buffer is introduced in the system by the Prime command.
Weekly	Injection port	Wash the injection port with water to remove deposited salts. Check the injection needle.
	Pump inspection	Check both pumps for leakage.
	Desorb	Perform the desorb protocol to remove deposited proteins.
Monthly	Sanitize	Perform the sanitize protocol to rinse the system from possible microbial organisms.
	System Check	Perform the system check to ensure the system is in proper working order.
Other	Startup	Check this when starting up the machine.
	Close	Check this when using the close protocol
	Shutdown	Check this when using the shutdown protocol
	Maintenance	Check this when regular maintenance is performed.

February 28, 2016

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1. BIACORE AB BIACORE Instrument Handbook (1998).

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