

cobas® 8100 automated workflow series

Maintenance Log

Serial Number _____ Month _____ Year _____

Daily		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Check Inventory:	RSF caps																															
	BCL aliquot tubes																															
	BCL barcode roll																															
	AQM pipette tips																															
	BRF/URF/RFX racks																															
Empty:	AQM solid waste container																															
	DSP solid waste container																															
Drain:	ACU rotor room																															
Inspect:	SCM tube handlers ¹																															
	BRF/URF tube handlers ²																															
Perform:	AQM leak check																															
	Data Cleanup ³																															
	Tech																															

As Needed		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Inspect:	DSP tube clamp ⁴																															
	Tech																															

- 1 Only required if a mixture of 13 mm and 16 mm sample tubes are used. Wipe with lint-free cloth held with forceps, if needed.
- 2 Only required if a mixture of 13 mm and 16 mm sample tubes are used. Clean with water, if needed.
- 3 The control unit and **cobas** 8100 automated workflow series will power down automatically.
- 4 If dirty, contact your Roche Service representative.



cobas® 8100 automated workflow series

Maintenance Log

Weekly		Date/Tech	Date/Tech	Date/Tech	Date/Tech	Date/Tech
Inspect:	IPB tube handler ¹					
	SCM tube handler ²					
	SCM air filter ³					
	ACU tube handler ¹					
	ACU air filter ⁴					
	OBS tube handler ¹					
	BRF/URF/RFX tube handlers ¹					
	AOB tube handler ¹					
Drain:	AOB storage chamber					
Clean:	AQM drip trays ⁵					
	AQM tip removers ⁵					
	AQM solid waste container ⁶					

- 1 Wipe with lint-free cloth moistened with water, if needed.
- 2 Wipe with lint-free cloth held with forceps, if needed.
- 3 Wipe both sides of filter with lint-free cloth moistened with water, if needed.
- 4 Wipe both sides of filter with a lint-free cloth, if needed.
- 5 Clean with 90-100% isopropyl alcohol solution made with deionized water. On AQM drip trays, replace the 16 mm diameter filter papers.
- 6 Clean with detergent and hot water then dry.
- 7 If needed, clean with mild, neutral detergent and then grease the inside of the pin cavity molding on each centrifuge bucket.
- 8 Use the W10 and W5.5 wrenches to unscrew the fitting. Place the fitting into deionized water and clean the inside of the fitting with the cleaning brush. Dry thoroughly.
- 9 Clean with mild, neutral detergent then dry.
- 10 Clean with mild, neutral detergent. Clean any marks or stains with a lint free cloth moistened with alcohol solution (90-100% isopropyl alcohol solution made up with deionized water).

Monthly		Date	Tech
Inspect:	ACU centrifuge buckets ⁷		
Clean:	DSP tube chuck mechanism ⁵		
	DSP waste chute ⁵		
	DSP solid waste container ⁶		
	AQM pipette fittings ⁸		
	Sample trays and racks ⁹		
	Exterior of instrument and connection components ¹⁰		

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