

Attachment: Detailed overview about the required workarounds

A) COBAS INTEGRA® 400 plus system

Batch mode:

Test combinations which require needle assignment and have to be run in batch mode until the TAS is available:

Affected test (Victim) Application name [test ID]	Offender Application name [test ID]	Needle Assignment
ALBS2 [0-172] ALBU2 [0-171] ALBC2 [0-170]	DIGM [0-283]	x
APOAT [0-568]	MD3S2 [0-322] MD3Q2 [0-222] MD3QC [0-422]	x
	OPIS [0-406] OPIS6 [0-407] OPI2S [0-409] OPI3Q [0-408] OP2QL [0-410] OP3QC [0-526]	x
	THS22 [0-431] THS25 [0-531] THS21 [0-631] TH2QP [0-017] TH5QP [0-217] TH1QP [0-317] TH5QC [0-517]	x
	DIGM [0-283]	x

Test combinations which must not be measured at the same time (batch mode required) even after publication of the TAS:

Affected test (Victim) Application name [test ID]	Offender Application name [test ID]	Batch Mode
A1MG2 [0-291]	OPIS [0-406] OPIS6 [0-407] OPI2S [0-409] OPI3Q [0-408] OP2QL [0-410] OP3QC [0-526]	x
	THS22 [0-431] THS25 [0-531] THS21 [0-631] TH2QP [0-017] TH5QP [0-217] TH1QP [0-317] TH5QC [0-517]	x

Extra Wash Cycles (EWCs):

The following EWCs have to be set up for all affected customers manually until the TAS is available:

Test/Reagent combination in use		Extra wash cycle configuration				
Reagent carry-over (primary)		Type	Test	Component	with	Volume (µL)
offender	victim					
FER2P	ALBC2	after	FER2P	R1	CLEAN	150
FER2P	ALBS2	after	FER2P	R1	CLEAN	150
FER2P	ALBU2	after	FER2P	R1	CLEAN	150
FER2P	APOAT	after	FER2P	R1	CLEAN	150
HDLC3	A1MG2*	after	HDLC3	R1	CLEAN	150
HDLC3	ALBC2	after	HDLC3	R1	CLEAN	150
HDLC3	ALBS2	after	HDLC3	R1	CLEAN	150
HDLC3	ALBU2	after	HDLC3	R1	CLEAN	150
HDLC3	APOAT	after	HDLC3	R1	CLEAN	150
HDLC3	APOAT	after	HDLC3	SR	CLEAN	150
IGA	ALBC2	after	IGA	R1	CLEAN	150
IGA	ALBS2	after	IGA	R1	CLEAN	150
IGA	ALBU2	after	IGA	R1	CLEAN	150
IGAP	ALBC2	after	IGAP	R1	CLEAN	150
IGAP	ALBS2	after	IGAP	R1	CLEAN	150
IGAP	ALBU2	after	IGAP	R1	CLEAN	150
MD3Q2	A1MG2*	after	MD3Q2	R1	CLEAN	150
MD3Q2	ALBC2	after	MD3Q2	R1	CLEAN	150
MD3Q2	ALBS2	after	MD3Q2	R1	CLEAN	150
MD3Q2	ALBU2	after	MD3Q2	R1	CLEAN	150
MD3QC	A1MG2*	after	MD3QC	R1	CLEAN	150
MD3QC	ALBC2	after	MD3QC	R1	CLEAN	150
MD3QC	ALBS2	after	MD3QC	R1	CLEAN	150
MD3QC	ALBU2	after	MD3QC	R1	CLEAN	150
MD3S2	A1MG2*	after	MD3S2	R1	CLEAN	150
MD3S2	ALBC2	after	MD3S2	R1	CLEAN	150
MD3S2	ALBS2	after	MD3S2	R1	CLEAN	150
MD3S2	ALBU2	after	MD3S2	R1	CLEAN	150
OP2QL	ALBC2	after	OP2QL	R1	CLEAN	150
OP2QL	ALBS2	after	OP2QL	R1	CLEAN	150
OP2QL	ALBU2	after	OP2QL	R1	CLEAN	150
OP3QC	ALBC2	after	OP3QC	R1	CLEAN	150
OP3QC	ALBS2	after	OP3QC	R1	CLEAN	150
OP3QC	ALBU2	after	OP3QC	R1	CLEAN	150
OPI2S	ALBC2	after	OPI2S	R1	CLEAN	150
OPI2S	ALBS2	after	OPI2S	R1	CLEAN	150
OPI2S	ALBU2	after	OPI2S	R1	CLEAN	150
OPI3Q	ALBC2	after	OPI3Q	R1	CLEAN	150
OPI3Q	ALBS2	after	OPI3Q	R1	CLEAN	150
OPI3Q	ALBU2	after	OPI3Q	R1	CLEAN	150
OPIS	ALBC2	after	OPIS	R1	CLEAN	150
OPIS	ALBS2	after	OPIS	R1	CLEAN	150
OPIS	ALBU2	after	OPIS	R1	CLEAN	150
OPIS6	ALBC2	after	OPIS6	R1	CLEAN	150
OPIS6	ALBS2	after	OPIS6	R1	CLEAN	150
OPIS6	ALBU2	after	OPIS6	R1	CLEAN	150
PCPQC	ALBC2	after	PCPQC	R1	CLEAN	150
PCPQC	ALBS2	after	PCPQC	R1	CLEAN	150

Test/Reagent combination in use		Extra wash cycle configuration				
Reagent carry-over (primary)		Type	Test	Component	with	Volume (µL)
offender	victim					
PCPQC	ALBU2	after	PCPQC	R1	CLEAN	150
PCPQC	APOAT	after	PCPQC	R1	CLEAN	150
PCPQL	ALBC2	after	PCPQL	R1	CLEAN	150
PCPQL	ALBS2	after	PCPQL	R1	CLEAN	150
PCPQL	ALBU2	after	PCPQL	R1	CLEAN	150
PCPQL	APOAT	after	PCPQL	R1	CLEAN	150
PCPS	ALBC2	after	PCPS	R1	CLEAN	150
PCPS	ALBS2	after	PCPS	R1	CLEAN	150
PCPS	ALBU2	after	PCPS	R1	CLEAN	150
PCPS	APOAT	after	PCPS	R1	CLEAN	150
RF-II	ALBC2	after	RF-II	R1	CLEAN	150
RF-II	ALBS2	after	RF-II	R1	CLEAN	150
RF-II	ALBU2	after	RF-II	R1	CLEAN	150
RF-II	APOAT	after	RF-II	R1	CLEAN	150
TH1QP	ALBC2	after	TH1QP	R1	CLEAN	150
TH1QP	ALBS2	after	TH1QP	R1	CLEAN	150
TH1QP	ALBU2	after	TH1QP	R1	CLEAN	150
TH2QP	ALBC2	after	TH2QP	R1	CLEAN	150
TH2QP	ALBS2	after	TH2QP	R1	CLEAN	150
TH2QP	ALBU2	after	TH2QP	R1	CLEAN	150
TH5QC	ALBC2	after	TH5QC	R1	CLEAN	150
TH5QC	ALBS2	after	TH5QC	R1	CLEAN	150
TH5QC	ALBU2	after	TH5QC	R1	CLEAN	150
TH5QP	ALBC2	after	TH5QP	R1	CLEAN	150
TH5QP	ALBS2	after	TH5QP	R1	CLEAN	150
TH5QP	ALBU2	after	TH5QP	R1	CLEAN	150
THS21	ALBC2	after	THS21	R1	CLEAN	150
THS21	ALBS2	after	THS21	R1	CLEAN	150
THS21	ALBU2	after	THS21	R1	CLEAN	150
THS22	ALBC2	after	THS22	R1	CLEAN	150
THS22	ALBS2	after	THS22	R1	CLEAN	150
THS22	ALBU2	after	THS22	R1	CLEAN	150
THS25	ALBC2	after	THS25	R1	CLEAN	150
THS25	ALBS2	after	THS25	R1	CLEAN	150
THS25	ALBU2	after	THS25	R1	CLEAN	150

CLEAN = COBAS INTEGRA Cleaner Cassette

* not available in the US

Reagent carry-over (secondary)

Test combination in use		Extra wash cycle configuration				
		Type	Test	Component	With	Volume (µl)
CHOL2	CRE2	after	CHOL2	R1	CLEAN	150
CHOL2	TRIGL	after	CHOL2	R1	CLEAN	150

Secondary carry-over to TRIGL or CRE2 occurs only if a dextran sulfate containing assay is performed before CHOL2.

Hence these EWCs are only mandatory in case one of the following tests is also installed on the analyzer: HDLC4, HDLC3, LDL3, PPXS, PPXQL, PPXQC, PCPS, PCPQL, PCPQC, MTQLS, MTQQL, MTQQC, HCYS, DIGM or any TDM test using SDR II.

B) cobas c 111 analyzer

Extra Wash Cycles (EWCs):

The following EWCs have to be set up for all affected customers manually:

Test combination in use		Extra wash cycle configuration					
		Action	Trigger Bottle Code	Pipetting type	Active	Cleaner Bottle Code	Volume [µL]
CHO2I	CRE2	after	798	R1	on	947	150
CHO2I	TRIGL	after	798	R1	on	947	150
CHO2A	CRE2	after	798	R1	on	947	150
CHO2A	TRIGL	after	798	R1	on	947	150

Secondary carry-over to TRIGL or CRE2 occurs only if a dextran sulfate containing assay is performed before CHOL2.

Hence these EWCs are only mandatory in case one of the following tests is also installed on the analyzer: HDLC4, HDLC3 or LDLC3.