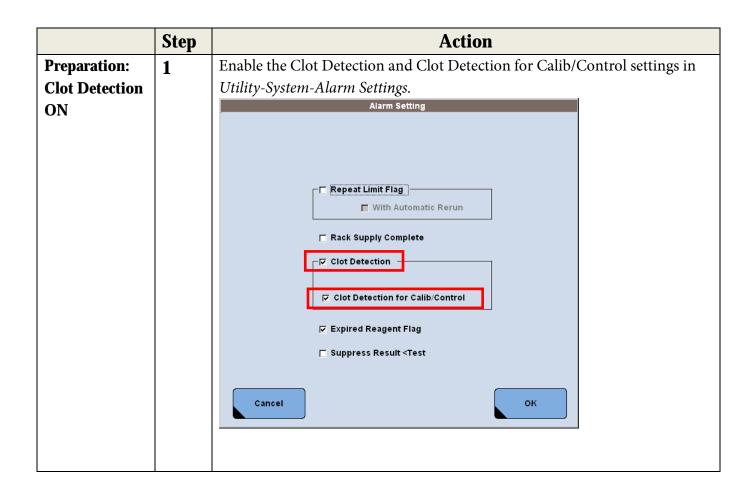
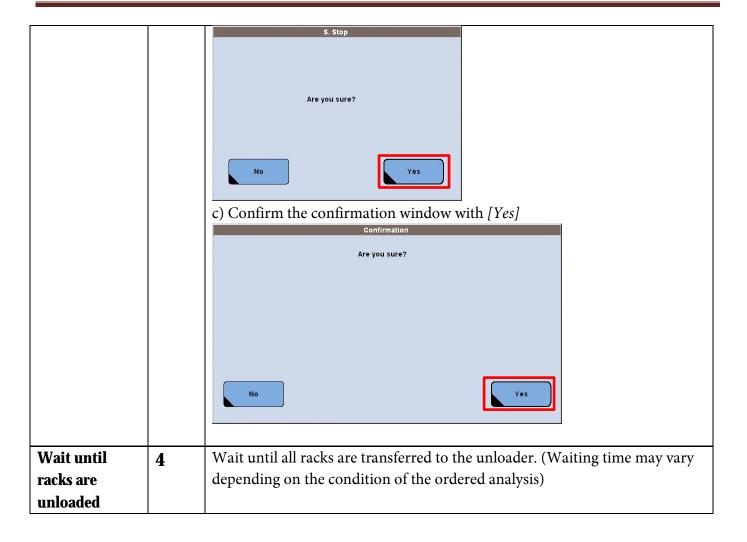
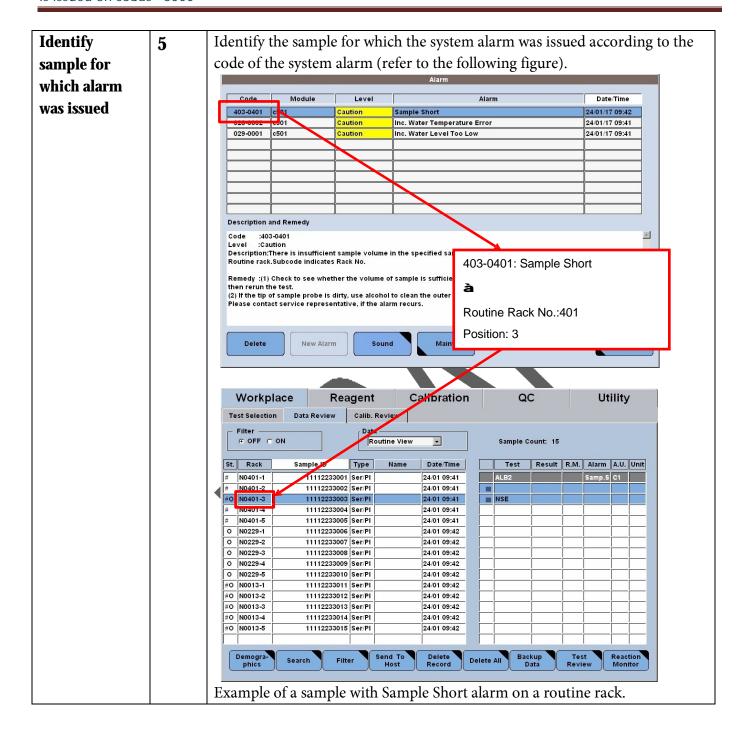
When the system alarm *Sample Short* or *Abnormal Probe Sucking* is issued while there is still sufficient amount of sample volume, it is necessary to replace the sample probe. A verification of the measurement results is required.

When there is no replacement sample probe available, clean the inside and the outside of the sample probe. This is described in the Operator's Manual Version 8.0 and in the manual "Interlock function cobas c 501 with ISE Version 1.2". The inside cleaning maintenance actions of the cobas® 6000 analyzer series can only be performed by specially trained operators. Please refer to the coinciding procedures "Replacing sample, ISE and reagent probes – elimination of blockages" and "Cleaning sample probe, reagent probes, ISE probe and ISE sipper nozzle".

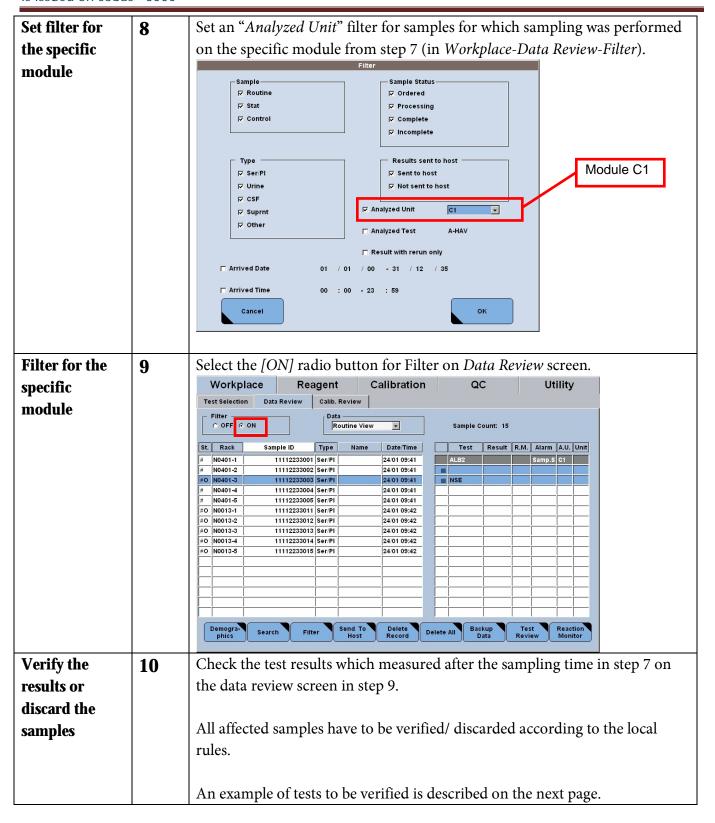


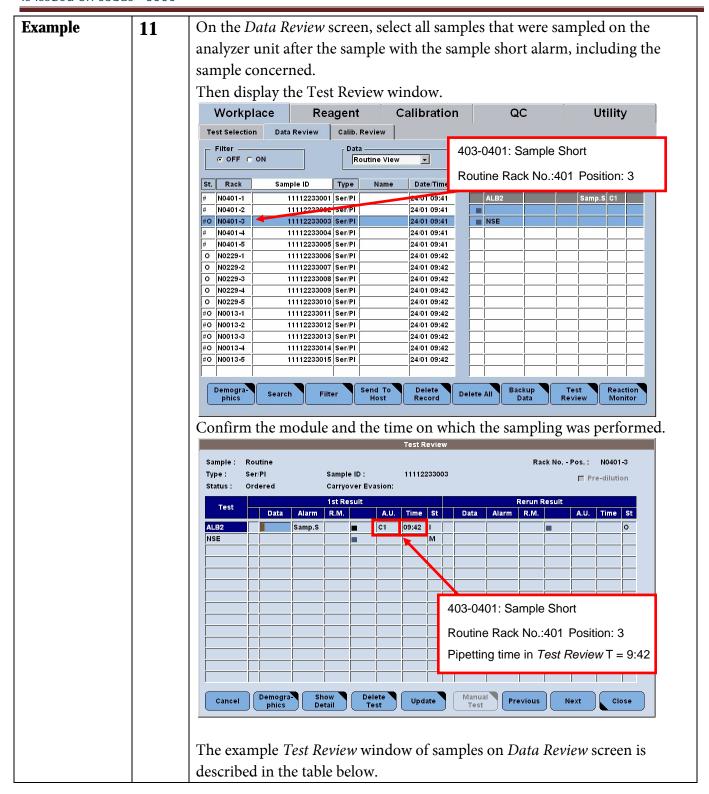
	Step	Action								
Check the	2	The table below shows the system alarm list of Sample Short and Sample								
Sample Short	~	Clot.								
and Sample			Alarm¶ ¤	Alarm- Code¶ ∞	Alarm · Sub · Code¶	α				
Clot alarm		Sample-S		431·-·435¤	0001-9999¤	n				
				436·-·440¤	0001-9999¤	۵				
				401·-·405¤	0001-9999¤	n n				
				406·-·410¤	0001-9999¤	n				
				411 - 415¤	0001-9999¤	מ				
				416·-·420¤	0001-9999¤	n				
				421·-·425¤	0001-9999¤	n				
				426·-·430¤	0001-9999¤	n				
				441¤	0001¤	n				
		Abnorma	I-Probe-sucking	¶ 481·-·485¤	0001∙9999¤	n				
		¶		486·-·490¤	00019999¤	n				
Sampling Stop			m·of·Sample·Cl		0001∙9999¤	n				
		1 1	d as "Abnorm	al· 456460¤	00019999¤	n				
		Probe-su	cking")¤	461·-·465¤	0001∙9999¤	n				
				466·-·470¤	0001∙9999¤	n				
				471·-·475¤	0001∙9999¤	n				
				476480¤	0001∙9999¤	n				
		Code 403-0401 c50		Sample Short	Date/Time 24/01/17 09:42					
		028-0002 c50		Inc. Water Temperature Error Inc. Water Level Too Low	24/01/17 09:41 24/01/17 09:41	Shut Down				
						S. Stop				
			i							
		Description and	Remedy			Alarm				
		Description and	01			Alarm				
		Code :403-04 Level :Cautio Description:The	01 n re is insufficient sample vol	ume in the specified sample container in the		Alarm				
		Code :403-04 Level :Cautio Description:The Routine rack.Su	01 n re is insufficient sample vol bcode indicates Rack No.		Pos.3 on a	Alarm				
		Code :403-04 Level :Cautio Description:The Routine rack.Su Remedy :(1) Ch then rerun the t	01 n re is insufficient sample vol bcode indicates Rack No. eck to see whether the volu est.	me of sample is sufficient: If it is not, add vol	Pos.3 on a lume, and					
		Code :403-04 Level :Cautio Description:The Routine rack.Su Remedy :(1) Ch then rerun the t (2) If the tip of s:	01 n re is insufficient sample vol bcode indicates Rack No. eck to see whether the volu est.	me of sample is sufficient: If it is not, add vol	Pos.3 on a lume, and	Alarm				
		Code :403-04 Level :Cautio Description:The Routine rack.Su Remedy :(1) Ch then rerun the t (2) If the tip of s:	01 n re is insufficient sample vol bcode indicates Rack No. eck to see whether the volu est. ample probe is dirty, use alc	me of sample is sufficient: If it is not, add vol	Pos.3 on a lume, and					
		Code :403-04 Level :Cautio Description:The Routine rack.su Remedy :(1) Ch then rerun the t [2] If the tip of s Please contact s	on n re is insufficient sample vol boode indicates Rack No. sck to see whether the volu est. ample probe is dirty, use al ervice representative, if th	ime of sample is sufficient: If it is not, add vol cohol to clean the outer wall of sample probe. e alarm recurs.	Pos.3 on a nume, and					
		Code :403-04 Level :Cautio Description:The Routine rack.Su Remedy :(1) Ch then rerun the t (2) If the tip of s:	on n re is insufficient sample vol boode indicates Rack No. sck to see whether the volu est. ample probe is dirty, use al ervice representative, if th	me of sample is sufficient: If it is not, add vol	Pos.3 on a lume, and					
		Code :403-04 Level :Cautio Description:The Routine rack.Su  Remedy :(1) Ch then rerun the t (2) if the tip of s Please contact s	on n re is insufficient sample vol boode indicates Rack No. eck to see whether the volu est. ample probe is dirty, use alc ervice representative, if th	ime of sample is sufficient: If it is not, add vol cohol to clean the outer wall of sample probe. e alarm recurs.	Pos.3 on a nume, and					
		Code :403-04 Level :Cautio Description:The Routine rack.Su  Remedy :(1) Ch then rerun the t (2) if the tip of s Please contact s	on n re is insufficient sample vol boode indicates Rack No. sck to see whether the volu est. ample probe is dirty, use al ervice representative, if th	ime of sample is sufficient: If it is not, add vol cohol to clean the outer wall of sample probe. e alarm recurs.	Pos.3 on a nume, and	Print				





Check sample	6	Check									
volume		a) the sample volume in the sample container, and									
		b) whether there is any substance adhered to the sample probe.									
		No action is required when the sample volume is insufficient, and the sample probe is clean.  When there is sufficient sample volume, replace the sample probe and move									
		on to step 7.									
Module and	7	Check the module and the sampling time for which the alarm was issued in									
sampling time		the Test Review screen (Workplace-Data Review-patient sample (in sample									
in Test Review		list)-Test Review).									
		Test Review									
		Sample: Routine Rack No Pos.: N0401-3									
		Type: Ser/PI Sample ID: 11112233003 Pre-dilution  Status: Ordered Carryover Evasion:									
		Test Data Alarm R.M. A.U. Time St Data Alarm R.M. A.U. Time St									
		ALB2 Samp.S 09:42 I 00:42 O									
		NSE M M M									
		Demogra- Show Delete Warter Manual Sandara									
		Cancel Demogra-Show Delate Test Update Test Previous Next Close									





Rack	Test	Alarm	A.U.	Time	St.	Judg	ment of measurement result	
N0401-1	ALB2		C1	09:42		OK		
	NSE		E1-2	09:47		OK		
N0401-2	ALB2		C1	09:42		OK		
	NSE		E1-2	09:48		OK		
N0401-3	ALB2	Samp.S	C1	09:42		(San	Target for verification (Sample for which the sample short alarm was issued) Time T=09:42, Module C1	
	NSE		T		М			
N0401-4	ALB2		C1	09:42			Target for verification (pipetted on module C1 after 9:42) Target for verification (sample pipetted on module c1 after 9:42) Target for verification (pipetted on module C1 after 9:42)	
	NSE		E1-2	09:48		(san		
N0401-5	ALB2		C1	09:42		Targ		
	NSE		E1-2	09:49		_	et for verification nple pipetted on module c1 after )	
N0013-1	ALB2				М		No target for verification,	
	NSE		E1-2	09:44		OK	-	
N0013-2	ALB2				M		since not pipetted on c1	
	NSE		E1-2	09:44		OK	module	
N0013-3	ALB2		<u> </u>		М		module	
	NSE		E1-2	09:45		OK		
N0013-4	ALB2				M			
	NSE		E1-2	09:46		OK		
N0013-5	ALB2		ļ	ļ	M			
	NSE		E1-2	09:46		OK		
N0229-1	ALB2		C1	09:42		Target for verification (pipetted on module C1 after 9:42)		
	NSE				М			
N0229-2	ALB2		C1	09:43			et for verification etted on module C1 after 9:42)	
	NSE	<u> </u>	Ť	1	М	1		
N0229-3	ALB2		C1	09:43		Target for verification (pipetted on module C1 after 9:42)		
	NSE		T		М			
N0229-4	ALB2		C1	09:43			et for verification etted on module C1 after 9:42)	
	NSE	<u> </u>	Ť	1	М	1		
N0229-5	ALB2		C1	09:43			et for verification etted on module C1 after 9:42)	
	NSE	-+	<del></del>	<b></b>				