Test details (Please feel free to comment or expand answers)								
1. Does your laboratory provide a service for the analysis of blood samples for cryoglobulins? If yes which department. If more than one department involved please select which ones	Yes	No	Biochemis try	Haematology	Immunology	Other department?		
2. How many samples does your laboratory analyse per year								
3. Which disciplines refers most samples for cryoglobulins	Rheumatology	Infectious disease	Hepatolog Y	Neurology	Haematology	Renal	Critical care	Other (please state)

4. Do you provide instructions for users to refer to when taking these	Yes	No			
samples? 5. Do you suggest measurement of C3, C4 and rheumatoid factor as part of cryoglobin work up?	Yes	No			
6. Are the immunology tests easily accessible, i.e. are they easy to add on to a sample? If no please provide further information	Yes	No			
7. Are the immunology tests run at 37oC?	Yes	No			
Preanalytics (Please feel free to					

expand answers) 8. What sample types do you request? i.e. serum, plasma (ETDA, citrate) 9. Are the sample tubes preheated prior to sampling? 10. At what temperature temperature transported? 11. What type of container are samples transported to the laboratory? 12. What time interval is recommended between sampling and No	1				I	İ	İ	I	I I
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Iaboratory? Image: Compact of the co	transported to	at 37oC	at 37oC	container	provide details)				
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between sampling and 1 hr recommendatio n Other:	interval is								
sampling and n	recommended		No						
	between	1 hr	recommendatio	Other:					
	sampling and		n						
centrifugation	centrifugation								
?	_								

13. Do you use a heated centrifuge? 14. At what temperature are the samples centrifuged?	Yes Room temperature	No 37oC	Other:				
Analysis (Please feel free to comment or expand answers)							
15. Do you divide the samples to be held at various temperatures ? If yes what temperatures	Yes	No	4oC	room temperature	37oC		
16. What type of tubes do you aliquot the serum and plasma into?	Please provide tube type:						
17. After samples have been divided how many days do you	<3 days	3-7 days	>7 days	Other:			

hold samples at various							
temperatures							
?							
18. How often							
do you check the samples			after 7				
for precipitate	daily	after 3 days	days	Other:			
and how is			22/2				
this recorded.							
19. Do you	Voc	NI					
keep a photo record?	Yes	No					
20. Do you							
confirm							
positive	Yes	No					
results by re- warming to							
37°C							
21. Do you run							
electrophoresi s on the 37oC							
serum	Yes	No	CZE	Fix	Gel SPE		
sample? If yes	. 63		022		00.0.2		
select all that							
apply							
22. Do you measure total							
protein,			_				
albumin and	Yes	No	Total	Albumin	Immunoglobul		
Immunoglobul			protein		ins		
ins on the							
37oC serum							

sample? If yes select all that apply						
23. If a precipitate is seen do you characterise and type the samples or is this referred to an external laboratory?	Yes	No	Referred			
24. If you characterise and type the samples inhouse do you remove supernatant and wash the precipitate?	Yes	No				
25. How many times is the precipitate washed?	1	2	3	Other:		
26. Do you Immunofix both the serum and plasma? If other provide details	Yes	No	Other:			

27. Do you immunofix both the supernatant and precipitate? If other provide details	Yes	No	Other:			
28. Do you quantify the precipitate if isolated. If yes how do you do this?	Yes:	No				
29. What do you report if precipitate is identified as fibrinogen? Please provide details						
30. Do you type for fibrinogen? If yes how is this done?	Yes:	No				
Post-Analysis						
31. Which department is responsible for the reporting of	Biochemistry	Haematology	Immunolo gy			

Cryoglobulin results? Please state if it is a combination of different departments						
32. Which members of staff report Cryoglobulin results?	Biomedical Scientists	Clinical Scientists	Consultant s			
33. How do you report negative results? Please provide details	Standard comment:	Other:				
34. How do you report positive results?	Standard comment:	Other:				
35. Do you include C3, C4 and RF in the results interpretation?	Yes	No				
36. Do you suggest Cryoglobulin type?	Yes	No				
37. Are you registered	Yes	No				

with an EQA					
scheme?					
38. Do you					
have any					
other					
comments to					
add?					