



MICROBIOLOGY EXTERNAL QUALITY ASSURANCE SCHEME

Under the aegis of Indian Association of Medical Microbiology

IAMM EQAS New Delhi

Department of Clinical Microbiology and Immunology
Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi-110060



Dr. Chand Wattal
Chairman - EQAS

Dr. Jaswinder K. Oberoi
PT Coordinator - EQAS

Dr. Neeraj Goel
PT Coordinator - EQAS

Dr. Sanghamitra Datta
PT Quality Manager - EQAS

Dr. Reena Raveendran
PT Technical Manager - EQAS

Result (Code No: DLH450 / ESIC Medical College & Hospital, Faridabad)

Batch Name	27th QC, July	Batch Marks	78
Start By Date	15-Jul-2021	Submit By Date	22-Aug-2021

Q.1. Smear :

1.1 : A 45 year old male patient, renal allograft recipient 10 days ago, developed psoas abscess. Smear prepared from pus aspirated from psoas abscess is provided to you. Perform Gram stain & report as below. (Marks: 5)

Expected Result (Cells):--Moderate PMN cells seen. (Marks :2)

Participant's Answer (Cells):--Plenty of pus cells per oil immersion field. (Marks :2)

Expected Result (Organism):--Moderate budding yeast cells seen. (Marks :2)

Participant's Answer (Organism):--10-12 budding yeast cells per oil immersion field. (Marks :2)

Expected Result (Interpretation):--Candida infection. (Marks :1)

Participant's Answer (Interpretation):--Psoas abscess probably caused by budding yeast cells. (Marks :1)

Marks Obtained :-- 5

1.2 : A 48 year old female patient with perforation of sigmoid colon underwent laparotomy. The smear is prepared from the pus sample collected from peritoneal cavity intra operatively. Perform Gram stain & report as below. (Marks: 5)

Expected Result (Cells):--Many PMN cells seen. (Marks :2)

Participant's Answer (Cells):--Plenty of pus cells per oil immersion field. (Marks :2)

Expected Result (Organism):--Many gram positive cocci in pairs & chain (1) & many gram negative bacilli (1) seen. (Marks :2)

Participant's Answer (Organism):--Gram-positive cocci in pairs and chains as well as Gram-negative coccobacilli . (Marks :2)

Expected Result (Interpretation):--Mixed bacterial infection. Possibility of anaerobic infection to be ruled out. (Marks :1)

Participant's Answer (Interpretation):--Peritoneal abscess probably caused by mixed infection due to gram-positive cocci in pairs possibly Enterococcus species and gram-positive cocci in chains as well as gram-negative coccobacilli. (Marks :1)

Marks Obtained :-- 5

1.3 : A 31 year old male presented with high grade fever, head ache, double vision & slurring of speech of 5 days duration. Smear prepared from a positive blood culture bottle is provided. Perform Gram stain & report as below. (Marks: 5)

Expected Result (Organism):--Many gram positive bacilli resembling Listeria monocytogenes in morphology seen. (Marks :2)

Participant's Answer (Organism):--Capsulated, lanceolate-shaped gram-positive cocci in pairs seen. (Marks :0)

Expected Result (Interpretation):--Listeria monocytogenes infection. (Marks :3)

Participant's Answer (Interpretation):--Septicemia probably caused by Streptococcus pneumoniae. (Marks :0)

Marks Obtained :-- 0

Q.2. Culture/Sensitivity :

2.1 Three freeze dried (lyophilized) cultures of bacteria are provided. Identify and perform the antibiotic sensitivity testing. Use current CLSI guidelines wherever applicable for interpretation of antimicrobial sensitivity. EUCAST guideline can be used wherever CLSI guidelines are not available. A= Automated/M= Manual; tick whichever applicable. Attempt only one: Either "A" or "M". Kindly do not report both, even if done. Organism Isolated From Stitch abscess: (Marks: 15)

	Genus	Species
Expected Result (Identification of given organism)	<i>Staphylococcus</i> (Marks: 3)	<i>epidermidis</i> (Marks: 2)

Participant's Answer		<i>Staphylococcus</i> (Marks: 3)		<i>epidermidis</i> (Marks: 2)	
Antibiotics	Penicillin	Vancomycin	Tetracycline	Co-trimoxazole	Cefoxitin
Expected Result	R(Marks: 2)	S(Marks: 2)	S(Marks: 2)	R(Marks: 2)	R(Marks: 2)
Participant's Answer	R (Marks: 2)	S (Marks: 2)	S (Marks: 2)	R (Marks: 2)	R (Marks: 2)
Participant's Test Method	Vitek -2	Vitek -2	Vitek -2	Vitek -2	Vitek -2
Participant's Zone Size (mm) or MIC (ug/ml)	More than or equal to 0.5 microgram per millilitre	2 microgram per millilitre	2 microgram per millilitre	More than or equal to 320 microgram per millilitre	Cefoxitin screen positive
Correct:-- 2 Minor Error:-- 1 Major Error:-- 0 Very Major Error:-- (-1)					
Participant's Comments: Stitch abscess caused by methicillin-resistant <i>Staphylococcus epidermidis</i>					
Marks Obtained: 15					

2.2 Organism Isolated From VAP: (Marks: 15)

		Genus	Species
Expected Result (Identification of given organism)		<i>Pseudomonas</i> (Marks: 3)	<i>aeruginosa</i> (Marks: 2)
Participant's Answer		<i>Pseudomonas</i> (Marks: 3)	<i>aeruginosa</i> (Marks: 2)

Antibiotics	Ceftazidime	Cefepime	Imipenem	Amikacin	Ciprofloxacin
Expected Result	S(Marks: 2)	S(Marks: 2)	S(Marks: 2)	S(Marks: 2)	S(Marks: 2)
Participant's Answer	S (Marks: 2)	S (Marks: 2)	S (Marks: 2)	S (Marks: 2)	S (Marks: 2)
Participant's Test Method	Vitek -2	Vitek -2	Vitek -2	Vitek -2	Vitek -2
Participant's Zone Size (mm) or MIC (ug/ml)	4 microgram per millilitre	2 microgram per millilitre	1 microgram per millilitre	Less than or equal to 2 microgram per millilitre	Less than or equal to 0.25 microgram per millilitre
Correct:-- 2 Minor Error:-- 1 Major Error:-- 0 Very Major Error:-- (-1)					
Participant's Comments: VAP caused by <i>Pseudomonas aeruginosa</i> sensitive to all the drugs					
Marks Obtained: 15					

2.3 Organism Isolated from Stool : (Marks: 13)

		Genus	Species
Expected Result (Identification of given organism)		<i>Shigella</i> (Marks: 3)	<i>dysenteriae</i> (Marks: 2)
Participant's Answer		<i>Shigella</i> (Marks: 3)	<i>dysenteriae</i> (Marks: 2)

Antibiotics	Ampicillin	Ceftriaxone	Ciprofloxacin	Azithromycin
Expected Result	R(Marks: 2)	S(Marks: 2)	R(Marks: 2)	S(Marks: 2)
Participant's Answer	R (Marks: 2)	S (Marks: 2)	R (Marks: 2)	R (Marks: 0)
Participant's Test Method	Vitek -2	Vitek -2	Vitek -2	E- Test
Participant's Zone Size (mm) or MIC (ug/ml)	More than or equal to 32 microgram per millilitre	Less than or equal to 1 microgram per millilitre	More than or equal to 4 microgram per millilitre	More than or equal to 256 microgram per millilitre
Correct:-- 2 Minor Error:-- 1 Major Error:-- 0 Very Major Error:-- (-1)				
Participant's Comments: <i>Shigella dysenteriae</i>				
Marks Obtained: 11				

Q.3: Serology:

3.1 : Please carry out following serological tests on the given samples. (Marks: 8)

Q.No.	3.1.1	3.1.2
Test	RA factor	Rubella IgG antibody
Expected Result	Negative (Marks: 4)	Positive (Marks: 4)

Participant's Answer	Negative (Marks: 4)	Positive (Marks: 4)
----------------------	---------------------	---------------------

Center Comments	RA factor tested with Truechemie Rheumatoid Factor Test Kit
-----------------	---

Marks Obtained :-- 8

3.2 : Perform the Blood Borne Viral (BBV) serology: HBsAg, HCV and HIV antibody on both the samples (Sample nos. 3.2.1 & 3.2.2) (Marks: 12)

Sample		HIV Antibody	HBsAg	HCV Antibody
3.2.1	Expected Result	Non-Reactive (Marks: 2)	Reactive (Marks: 2)	Non-Reactive (Marks: 2)
	Participant's Answer	Non-Reactive (Marks: 2)	Reactive (Marks: 2)	Non-Reactive (Marks: 2)
3.2.2	Expected Result	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)
	Participant's Answer	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)

Center Comments	HIV tested with COMBAIDS-RS Advantage kit based on Dot Immunoassay
-----------------	--

Marks Obtained :-- 12

Grand Total Marks : 78

Marks Obtained: 71

Note : This is computer generated report, does not require signature of the EQAS provider.

-----End of Report-----



MICROBIOLOGY EXTERNAL QUALITY ASSURANCE SCHEME

Under the aegis of Indian Association of Medical Microbiology

IAMM EQAS New Delhi

Department of Clinical Microbiology and Immunology
Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi-110060



Dr. Chand Wattal
Chairman - EQAS

Dr. Jaswinder K. Oberoi
PT Coordinator - EQAS

Dr. Neeraj Goel
PT Coordinator - EQAS

Dr. Sanghamitra Datta
PT Quality Manager - EQAS

Dr. Reena Raveendran
PT Technical Manager - EQAS

Result (Code No: DLH450 / ESIC Medical College & Hospital, Faridabad)

Batch Name	28th QC, November	Batch Marks	71
Start By Date	17-Nov-2021	Submit By Date	24-Dec-2021

Q.1. Smear :

1.1 : A 55 year old man who is a known case of alcoholic liver disease presented with fever & abdominal distension of 3 days duration. Smear prepared from ascitic fluid is provided to you. Perform Gram stain & report as below. (Marks: 5)

Expected Result (Cells):--Moderate no. of PMN cells seen. (Marks :2)

Participant's Answer (Cells):--3-5 pus cells/oil immersion field. (Marks :2)

Expected Result (Organism):--Moderate no. of gram negative bacilli seen. (Marks :2)

Participant's Answer (Organism):--Short, stout, encapsulated gram-negative bacilli present. (Marks :2)

Expected Result (Interpretation):--Gram negative bacterial peritonitis. (Marks :1)

Participant's Answer (Interpretation):--Peritonitis caused by gram-negative bacilli probably due to Klebsiella pneumoniae. (Marks :1)

Marks Obtained :-- 5

1.2 : A 45 year old man, HIV positive presented with loose stool. Smear from Stool specimen is provided. Perform Kinyoun stain & report as below. (Marks: 5)

Expected Result (Findings):--Few acid fast (1) oocysts seen (1). (Marks :2)

Participant's Answer (Findings):--Acid-fast oocysts 4-6 micrometer in size seen. (Marks :2)

Expected Result (Interpretation):--Suggestive of diarrhea due to Cryptosporidium. (Marks :3)

Participant's Answer (Interpretation):--Diarrhoea due to Cryptosporidium parvum. (Marks :3)

Marks Obtained :-- 5

1.3 : A 5 year old child presented with fever & shortness of breath, 5 days duration. Smear prepared from bronchoalveolar lavage is provided. Perform Gram stain & report as below. (Marks: 5)

Examiner Comments	This question has been withdrawn from evaluation.
-------------------	---

Marks Obtained :-- (Not evaluated.)

Q.2. Culture/Sensitivity :

2.1 Three freeze dried (lyophilized) cultures of bacteria are provided. Identify and perform the antibiotic sensitivity testing. Use current CLSI guidelines wherever applicable for interpretation of antimicrobial sensitivity. EUCAST guideline can be used wherever CLSI guidelines are not available. A= Automated/M= Manual; tick whichever applicable. Attempt only one: Either "A" or "M". Kindly do not report both, even if done. Organism Isolated From Stool: (Marks: 15)

	Genus	Species
Expected Result (Identification of given organism)	<i>Vibrio</i> (Marks: 3)	<i>cholerae</i> (Marks: 2)
Participant's Answer	<i>Vibrio</i> (Marks: 3)	<i>cholerae</i> (Marks: 2)

Antibiotics	Cefotaxime	Ciprofloxacin	Tetracycline	Amikacin	Co-trimoxazole
Expected Result	S(Marks: 2)	S(Marks: 2)	S(Marks: 2)	S(Marks: 2)	R(Marks: 2)
Participant's Answer	S (Marks: 2)	S (Marks: 2)	S (Marks: 2)	S (Marks: 2)	R (Marks: 2)
Participant's Test Method	Vitek -2	Vitek -2	Vitek -2	Vitek -2	Vitek -2

Participant's Zone Size (mm) or MIC (ug/ml)	1 microgram per millilitre	1 microgram per millilitre	2 microgram per millilitre	12 microgram per millilitre	4/76 microgram per millilitre
Correct:-- 2 Minor Error:-- 1 Major Error:-- 0 Very Major Error:-- (-1)					
Marks Obtained: 15					

2.2 Organism Isolated From Urine: (Marks: 15)

	Genus		Species		
Expected Result (Identification of given organism)	<i>Escherichia</i> (Marks: 3)		<i>coli</i> (Marks: 2)		
Participant's Answer	<i>Escherichia</i> (Marks: 3)		<i>coli</i> (Marks: 2)		
Antibiotics	Nitrofurantoin	Co-trimoxazole	Ertapenem	Amikacin	Cefuroxime
Expected Result	S(Marks: 2)	S(Marks: 2)	S(Marks: 2)	S(Marks: 2)	S(Marks: 2)
Participant's Answer	S (Marks: 2)	S (Marks: 2)	S (Marks: 2)	S (Marks: 2)	S (Marks: 2)
Participant's Test Method	Vitek -2	Vitek -2	Vitek -2	Vitek -2	Vitek -2
Participant's Zone Size (mm) or MIC (ug/ml)	Less than or equal to 16 microgram per millilitre	Less than or equal to 20 microgram per millilitre	Less than or equal to 0.5 microgram per millilitre	Less than or equal to 2 microgram per millilitre	4 microgram per millilitre
Correct:-- 2 Minor Error:-- 1 Major Error:-- 0 Very Major Error:-- (-1)					
Marks Obtained: 15					

2.3 Organism Isolated from Blood : (Marks: 15)

	Genus		Species		
Expected Result (Identification of given organism)	<i>Enterococcus</i> (Marks: 3)		<i>faecalis</i> (Marks: 2)		
Participant's Answer	<i>Enterococcus</i> (Marks: 3)		<i>faecalis</i> (Marks: 2)		
Antibiotics	Benzylpenicillin/ Ampicillin	Teicoplanin	Linezolid	Gentamicin High Level	Vancomycin
Expected Result	S(Marks: 2)	S(Marks: 2)	S(Marks: 2)	S(Marks: 2)	S(Marks: 2)
Participant's Answer	S (Marks: 2)	S (Marks: 2)	S (Marks: 2)	S (Marks: 2)	S (Marks: 2)
Participant's Test Method	Vitek -2	Vitek -2	Vitek -2	Vitek -2	Vitek -2
Participant's Zone Size (mm) or MIC (ug/ml)	2 microgram per millilitre	Less than or equal to 0.5 microgram per millilitre	2 microgram per millilitre	SYNERGY	1 microgram per millilitre
Correct:-- 2 Minor Error:-- 1 Major Error:-- 0 Very Major Error:-- (-1)					
Marks Obtained: 15					

Q3.: Serology:

3.1 : Please carry out following serological tests on the given samples. (Marks: 8)

Q.No.	3.1.1	3.1.2
Test	Herpes IgM	ASO
Expected Result	Negative (Marks: 4)	Negative (Marks: 4)
Participant's Answer	Not Attempted (Not evaluated.)	Negative (Marks: 4)

Center Comments	ASO tested with Recombigen kit
-----------------	--------------------------------

Marks Obtained :-- 4

3.2 : Perform the Blood Borne Viral (BBV) serology: HBsAg, HCV and HIV antibody on both the samples (Sample nos. 3.2.1 & 3.2.2) (Marks: 12)

--	--	--	--	--

Sample		HIV Antibody	HBsAg	HCV Antibody
3.2.1	Expected Result	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)
	Participant's Answer	Non-Reactive (Marks: 2)	Negative (Marks: 2)	Negative (Marks: 2)
3.2.2	Expected Result	Reactive (Marks: 2)	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)
	Participant's Answer	Reactive (Marks: 2)	Negative (Marks: 2)	Negative (Marks: 2)
Center Comments		HIV tested with COMBAIDS-RS Advantage kit based on Dot Immunoassay		

Marks Obtained :-- 12

Grand Total Marks : 71

Marks Obtained: 71

Note : This is computer generated report, does not require signature of the EQAS provider.

-----End of Report-----



MICROBIOLOGY EXTERNAL QUALITY ASSURANCE SCHEME

Under the aegis of Indian Association of Medical Microbiology

IAMM EQAS New Delhi

Department of Clinical Microbiology and Immunology
Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi-110060



Dr. Chand Wattal
Chairman - EQAS

Dr. Jaswinder K. Oberoi
PT Coordinator - EQAS

Dr. Neeraj Goel
PT Coordinator - EQAS

Dr. Sanghamitra Datta
PT Quality Manager - EQAS

Dr. Reena Raveendran
PT Technical Manager - EQAS

Result (Code No: DLH450 / ESIC Medical College & Hospital, Faridabad)

Batch Name	26th QC, March	Batch Marks	80
Start By Date	10-Apr-2021	Submit By Date	24-May-2021

Q.1. Smear :

1.1 : Pus Sample: A 30 year old lactating lady presented with abscess in the left breast. Smear prepared from pus aspirate is provided. Perform Gram stain & report as below. (Marks: 5)

Expected Result (Cells):--Many PMN cells seen. (Marks :2)

Participant's Answer (Cells):--Many polymorphonuclear cells seen (Marks :2)

Expected Result (Organism):--Many GPCs (1) in pairs & small groups (1) seen. (Marks :2)

Participant's Answer (Organism):--Abundant Gram positive cocci in clusters seen (Marks :2)

Expected Result (Interpretation):--Staphylococcal abscess. (Marks :1)

Participant's Answer (Interpretation):--Suggestive of mastitis due to Staphylococcus species (Marks :1)

Marks Obtained :-- 5

1.2 : Sputum Sample: A 25 year old man presented with fever, cough & night sweats for 3 weeks. Smear prepared from sputum sample is provided. Perform ZN stain & report giving RNTCP grading. (Marks: 5)

Expected Result (Findings):--Slender, beaded acid fast bacilli seen. (Marks :1)

Participant's Answer (Findings):--Long, slender, beaded acid fast bacilli seen >10/oil immersion field (Marks :1)

Expected Result (Grading):--AFB seen 2+. (Marks :4)

Participant's Answer (Grading):--3+ AFB seen (Marks :4)

Marks Obtained :-- 5

1.3 : ET Sample: A 65 year old covid-19 patient on ventilatory support. Smear prepared from ET aspirate is provided. Perform Gram stain & report as below. (Marks: 5)

Expected Result (Cells):--Many (1) PMN (1) cells seen. (Marks :2)

Participant's Answer (Cells):--Many polymorphonuclear cells seen. Few epithelial cells seen. (Marks :2)

Expected Result (Organism):--Many (1) GNCBs (1) seen. (Marks :2)

Participant's Answer (Organism):--Many Gram negative coccobacilli seen. (Marks :2)

Expected Result (Interpretation):--Suggestive of VAP due to Acinetobacter species. (Marks :1)

Participant's Answer (Interpretation):--Ventilator associated pneumonia due to Acinetobacter baumannii. (Marks :1)

Marks Obtained :-- 5

Q.2. Culture/Sensitivity :

2.1 Three freeze dried (lyophilized) cultures of bacteria are provided. Identify and perform the antibiotic sensitivity testing. Use current CLSI guidelines wherever applicable for interpretation of antimicrobial sensitivity. EUCAST guideline can be used wherever CLSI guidelines are not available. A= Automated/M= Manual; tick whichever applicable. Attempt only one: Either "A" or "M". Kindly do not report both, even if done. Organism Isolated From Pus: (Marks: 15)

	Genus	Species
Expected Result (Identification of given organism)	<i>Enterococcus</i> (Marks: 3)	<i>faecium</i> (Marks: 2)
Participant's Answer	<i>Enterococcus</i> (Marks: 3)	<i>faecium</i> (Marks: 2)

Antibiotics	Benzylpenicillin/	Gentamicin High Level	Linezolid	Vancomycin	Tigecycline
-------------	-------------------	-----------------------	-----------	------------	-------------

	Ampicillin				
Expected Result	R(Marks: 2)	R(Marks: 2)	S(Marks: 2)	R(Marks: 2)	S(Marks: 2)
Participant's Answer	R (Marks: 2)	R (Marks: 2)	S (Marks: 2)	R (Marks: 2)	S (Marks: 2)
Participant's Test Method	Vitek -2	Vitek -2	Vitek -2	Vitek -2	Vitek -2
Participant's Zone Size (mm) or MIC (ug/ml)	>=64	-	1	>=32	<=0.12
Correct:-- 2 Minor Error:-- 1 Major Error:-- 0 Very Major Error:-- (-1)					
Participant's Comments: VAN-A like resistance detected; Gentamicin not synergistic with cell wall active agents (e.g, ampicillin, penicillin , vancomycin)					
Marks Obtained: 15					

2.2 Organism Isolated From ET Secretions: (Marks: 15)

	Genus		Species		
Expected Result (Identification of given organism)	<i>Acinetobacter</i> (Marks: 3)		<i>baumannii complex</i> (Marks: 2)		
Participant's Answer	<i>Acinetobacter</i> (Marks: 3)		<i>baumannii complex</i> (Marks: 2)		
Antibiotics	Piperacillin/ Tazobactam	Meropenem	Amikacin	Levofloxacin	Co- trimoxazole
Expected Result	R(Marks: 2)	R(Marks: 2)	R(Marks: 2)	R(Marks: 2)	R(Marks: 2)
Participant's Answer	R (Marks: 2)	R (Marks: 2)	R (Marks: 2)	R (Marks: 2)	R (Marks: 2)
Participant's Test Method	Vitek -2	Vitek -2	Vitek -2	Vitek -2	Vitek -2
Participant's Zone Size (mm) or MIC (ug/ml)	>=128	>=16	>=64	>=16	>=320
Correct:-- 2 Minor Error:-- 1 Major Error:-- 0 Very Major Error:-- (-1)					
Participant's Comments: Carbapenemase producer					
Marks Obtained: 15					

2.3 Organism Isolated from Blood culture: (Marks: 15)

	Genus		Species		
Expected Result (Identification of given organism)	<i>Salmonella</i> (Marks: 3)		<i>serotype Typhi</i> (Marks: 2)		
Participant's Answer	<i>Salmonella</i> (Marks: 3)		<i>serotype Typhi</i> (Marks: 2)		
Antibiotics	Ampicillin	Ceftriaxone	Ciprofloxacin	Co-trimoxazole	Azithromycin
Expected Result	S(Marks: 2)	S(Marks: 2)	R(Marks: 2)	S(Marks: 2)	S(Marks: 2)
Participant's Answer	S (Marks: 2)	S (Marks: 2)	R (Marks: 2)	S (Marks: 2)	S (Marks: 2)
Participant's Test Method	Vitek -2	Vitek -2	Vitek -2	Vitek -2	E- Test
Participant's Zone Size (mm) or MIC (ug/ml)	<=2	<=1	>=4	<=20	4
Correct:-- 2 Minor Error:-- 1 Major Error:-- 0 Very Major Error:-- (-1)					
Marks Obtained: 15					

Q.3.: Serology:

3.1 : Please carry out following serological tests on the given samples. (Marks: 8)

Q.No.	3.1.1	3.1.2
Test	CRP	Dengue NS1
Expected Result	Positive (Marks: 4)	Negative (Marks: 4)
Participant's Answer	Positive (Marks: 4)	Negative (Marks: 4)
Center Comments	RECOMBIGEN/CRP; SD BIOSENSOR/DENGUE	

Marks Obtained :-- 8

3.2 : Perform the Blood Borne Viral (BBV) serology: HBsAg, HCV and HIV antibody on both the samples (Sample nos. 3.2.1 & 3.2.2) (Marks: 12)

Sample		HIV Antibody	HBsAg	HCV Antibody
3.2.1	Expected Result	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)
	Participant's Answer	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)
3.2.2	Expected Result	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)	Reactive (Marks: 2)
	Participant's Answer	Non-Reactive (Marks: 2)	Non-Reactive (Marks: 2)	Reactive (Marks: 2)
Center Comments		QUADRO HIV 1,2 AB		

Marks Obtained :-- 12

Grand Total Marks : 80

Marks Obtained: 80

Note : This is computer generated report, does not require signature of the EQAS provider.

-----End of Report-----