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### Certificate of Accreditation

### Salvus Bioresearch Solutions

12-A to 17, South Bopal Trade Center, Gala Gymkhana Road, Besides Aryan Gloria, South Bopal, Ahmedabad-380058, Gujarat, India

has been assessed and accredited in accordance with the Standard

ISO 15189:2022

"Medical Laboratories - Requirements for Quality and Competence" In the field of

### Medical Testing

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued compliance to the above standard & any other requirements specified by QAI.



QAI/CIA/ML/2023/0018

Valid from: 23 December 2023

Valid until: 22 December 2025

Dr. Bhupendra Kumar Rana

Chief Executive Officer

Prof. Vikram Kumar

Chair, CIA



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	Clinical Biochemistry			
SI.	Type of Sample Examined/	Specific Tests/ Examination	Standard (Method), Principle/	
No.	Tested	Performed	Methodology or Technique Used	
1.	Serum	Albumin	Colorimetric-aryl acyl amidase (AAA)	
2.	Serum	Chloride	ISE Direct	
3.	Serum	Free T3	Enhanced Chemiluminescence- Competitive Immunoassay	
4.	Serum	Free T4	Enhanced Chemiluminescence- Competitive Immunoassay	
5.	Serum	Potassium	ISE Direct	
6.	Serum	Protein Total	Colorimetric-Biuret Method	
7.	Serum	Sodium	ISE Direct	
8.	Serum	Thyroid Stimulating Hormone (TSH)	Enhanced Chemiluminescence- Competitive Immunoassay	
9.	Serum	Total T3	Enhanced Chemiluminescence- Competitive Immunoassay	
10.	Serum	Total T4	Enhanced Chemiluminescence- Competitive Immunoassay	

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Clinical Biochemistry			
SI.	Type of Sample Examined/	Specific Tests/ Examination	Standard (Method), Principle/
No.	Tested	Performed	Methodology or Technique Used
11.	Serum	Triglyceride	Colorimetric - Lipase/Glycerol kinase
12.	Serum, Plasma	Alanine Aminotransferase (ALT)	Multipoint-Rate/Colorimetric with P- 5-P (pyridoxa-5-phosphate)
13.	Serum, Plasma	Alkaline Phosphatase	Multipoint-Rate - p-nitrophenyl Phosphate, AMP buffer
14.	Serum, Plasma	Aspartate Aminotransferase (AST)	Multipoint Rate Colorimetric with P- 5-P
15.	Serum, Plasma	Bilirubin Direct	Calculated
16.	Serum, Plasma	Bilirubin Indirect (Unconjugated)	Dual Wavelength - Reflectance Spectrophotometry
17.	Serum, Plasma	Bilirubin Total	Colorimetric -dual wavelength - Dyphylline, Diazonium salt Reflectance Spectrophotometry
18.	Serum, Plasma	BUN	Calculated
19.	Serum, Plasma	Calcium Total	Colorimetric - Arsenazo Method
20.	Serum, Plasma	Cholesterol	Colorimetric - Cholesterol Oxidase, esterase, peroxidase

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	Clinical Biochemistry			
SI.	Type of Sample Examined/	Specific Tests/ Examination	Standard (Method), Principle/	
No.	Tested	Performed	Methodology or Technique Used	
21.	Serum, Plasma	Creatinine	Twopoint Rate - Creatinine Aminohydrolase, IFCC-IDMS Standardized	
22.	Serum, Plasma	Gamma Glutamyl Transpeptidase (GGT)	Multipoint Rate - L-glutamyl-p- nitroanilide	
23.	Serum, Plasma	Glucose	Colorimetric - Glucose Oxidase peroxidase	
24.	Serum, Plasma	HDL Cholesterol	Colorimetric: non-HDL precipitation method PTA/MgCl2	
25.	Serum, Plasma	LDL Calculated	Calculated	
26.	Serum, Plasma	LDL Cholesterol	Enzymatic (Two Step CHE/CHO/POD)	
27.	Serum, Plasma	Phosphorous (Inorganic Phosphate)	Colorimetric - Phosphomolybdate Formation	
28.	Serum, Plasma	Urea	Endpoint/Colorimetric - Urease	
29.	Serum, Plasma	Uric Acid	Colorimetric - Uricase, Peroxidase	
30.	Serum, Plasma	Vitamin B12	Enhanced Chemiluminescence- Competitive Immunoassay	

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	Clinical Biochemistry			
SI.	Type of Sample Examined/	Specific Tests/ Examination	Standard (Method), Principle/	
No.	Tested	Performed	Methodology or Technique Used	
31.	Whole Blood	HbA1C	Colorimetric-Two Point Rate	



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Sl.   Type of Sample Examined/   Specific Tests/ Examination   Standard (Method),   Methodology or Technique	
1.     Urine       2.     Urine       Blood     Peroxidase-like action of haemoglobin       3.     Urine       Casts     Microscopic	Principle/
2. Urine Blood Peroxidase-like action of haemoglobin  3. Urine Casts Microscopic	Used
3. Urine Casts Microscopic	
3. Urine Casts Microscopic	
3. Urine Casts Microscopic	
4. Urine Crystals Microscopic	
4. Urine Crystals Microscopic	
5. Urine Glucose Glucose oxidase/peroxidase	reaction
6. Urine Ketone Legal's test	
7. Urine Leucocyte Esterase-Chromatographic	
8. Urine Nitrite Griess Test	
9. Urine pH Methyl Red, Phenolphthalei	
Bromothymol Blue reacts sp	ecifically
with H+ ions	
10. Urine Protein Protein Protein error of a pH indicat	
particularly sensitive to albu	nin

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		Clinical Pathology	
SI.	Type of Sample Examined/	Specific Tests/ Examination	Standard (Method), Principle/
No.	Tested	Performed	Methodology or Technique Used
11.	Urine	Pus Cells	Microscopic
12.	Urine	Red Blood Cells (RBCs)	Microscopic
13.	Urine	Specific Gravity	Detects the ion concentration of the urine
14.	Urine	Urobilinogen	Diazonium salt reacts almost immediately with urobilinogen to give a red azo dye

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Haematology and Immunohaematolog			SY .
SI.	Type of Sample Examined/	Specific Tests/ Examination	Standard (Method), Principle/
No.	Tested	Performed	Methodology or Technique Used
1.	Blood Film	Peripheral Smear	Field Stain (Manual Microscopy)
2.	Citrated Whole Blood	ESR	Modified Westergren's Method
3.	Peripheral Smear	Basophils	Microscopic
4.	Peripheral Smear	Eosinophils	Microscopic
5.	Peripheral Smear	Lymphocytes	Microscopic
6.	Peripheral Smear	Monocytes	Microscopic
7.	Peripheral Smear	Neutrophils	Microscopic
8.	Whole Blood	Basophil Absolute	Calculated
9.	Whole Blood	Basophils	Laser Light Scatter with Fluorescence
10.	Whole Blood	Eosinophil Absolute	Calculated

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Haematology and Immunohaematology			SY .
SI.	Type of Sample Examined/	Specific Tests/ Examination	Standard (Method), Principle/
No.	Tested	Performed	Methodology or Technique Used
11.	Whole Blood	Eosinophils	Laser Light Scatter with Fluorescence
12.	Whole Blood	Haematocrit (HCT/PCV)	Calculated
13.	Whole Blood	Haemoglobin	SLS-Haemoglobin
14.	Whole Blood	Lymphocyte	Laser Light Scatter with Fluorescence
15.	Whole Blood	Lymphocyte Absolute	Calculated
16.	Whole Blood	MCH	Calculated
17.	Whole Blood	MCHC	Calculated
18.	Whole Blood	MCV	Electrical Impedance
19.	Whole Blood	Monocyte	Laser Light Scatter with Fluorescence
20.	Whole Blood	Monocyte Absolute	Calculated

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	Hae	matology and Immunohaematolog	sy
SI.	Type of Sample Examined/	Specific Tests/ Examination	Standard (Method), Principle/
No.	Tested	Performed	Methodology or Technique Used
21.	Whole Blood	Neutrophils	Laser Light Scatter with Fluorescence
22.	Whole Blood	Neutrophils Absolute	Calculated
23.	Whole Blood	Platelet	Electrical Impedance
24.	Whole Blood	RDW (CV)	Calculated
25.	Whole Blood	Red Cell Count	Electrical Impedance
26.	Whole Blood	White Blood Cell Count/ Total Leucocyte Count	Electrical Impedance

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		Microbiology & Serology	
SI.	Type of Sample Examined/	Specific Tests/ Examination	Standard (Method), Principle/
No.	Tested	Performed	Methodology or Technique Used
1.	Serum, Plasma	Anti HCV Ab	Enhanced Chemiluminescence- Competitive Immunoassay
2.	Serum, Plasma	Anti HCV Ab	Rapid Card (Immunochromatography)
3.	Serum, Plasma	HBsAg	Rapid Card (Immunochromatography)
4.	Serum, Plasma	HBsAg	Enhanced Chemiluminescence- Competitive Immunoassay
5.	Serum, Plasma	HIV-I & II Ab	Enhanced Chemiluminescence- Competitive Immunoassay
6.	Serum, Plasma	HIV-I & II Ab	Rapid Chromatographic Immunoassay
7.	Serum, Plasma	HIV-I & II Ab	Rapid Card (Immunofiltration)
8.	Serum, Plasma	Syphilis Antibodies	Rapid Chromatographic Immunoassay

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	Molecular Biology			
SI.	Type of Sample Examined/	Specific Tests/ Examination	Standard (Method), Principle/	
No.	Tested	Performed	Methodology or Technique Used	
1.	Nasopharyngeal	SARS-COV-2 RNA Qualitative	Real Time RT PCR (Open System)	
	Swab/Oropharyngeal Swab in			
	VTM/ET Secretions/BAL in			
	VTM			

