

	ACCREDITATION DOCUMENT	F-06/06 Issue Date: 02/05/12 Rev. No: 00 ML 009
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Accreditation No: ML 009

Awarded to

**Dow Diagnostic Reference and Research Laboratory (DDRRL), Dow
University of Health Sciences (DUHS), SUPARCO Road Gulzar-E-Hijri KDA
Scheme 35, Karachi.**

The scope of accreditation is in accordance with the standard specifications outlined in the following page(s) of this document. The accredited scope shall be visible and legible in areas such as customer service, sample-receiving section etc and shall not mislead its users.

The accreditation was first time granted on 19-11-2014 by Pakistan National Accreditation Council.

The laboratory complies with the requirements of ISO 15189:2012.

The accreditation requires regular surveillance, and is valid until 18-11-2017.

The decision of accreditation made by Pakistan National Accreditation Council implies that the organization has been found to fulfill the requirements for accreditation within the scope.

The organization however, itself is responsible for the results of performed measurements/tests.

PAKISTAN NATIONAL ACCREDITATION COUNCIL

19-11-2014
Date

Director General

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Medical Laboratory.

Accreditation Scope of Dow Diagnostic Reference and Research Laboratory (DDRRL), Dow University of Health Sciences (DUHS), Karachi, Pakistan.

Permanent laboratory premises

Field of Medical Testing Laboratory:

Material/ Products tested	Types of test/ Properties measured	Range of measur ement	Minimu m detectio n limit	Uncertainty of Measurement (where applicable) MU (±)	Standard specification/ Techniques/ equipment used	
Serum	Section of Chemical Pathology					INTERNAL QUALITY CONTROL
	1. AFP	0.4-2000 ng/ml	0.4	0.18	01-20 parameters on CHEMILUMINESCENC E Architect i2000	AND
	2. CA125	1-1000 U/ml	0.5	0.13		
	3. CEA	0.5-500 ng/ml	0	0.08		
	4. CORTISOL	0.0-59.8 ug/dl	0	0.03		
	5. FSH	0-150 mIU/ml	0	0.83		
	6. HCG	1.2- 15000mIU/ml	0.05	0.1		
	7. INSULIN	0-300 uIU/ml	0	0.3		
	8. LH	0-250 mIU/ml	0	0.02		
	9. ESTRADIOL	1-1000 pg/ml	0	1.47		
	10. PROGESTERONE	0.130.97ng/ml	0.1	0.25		
	11. PROLACTIN	0.6-200 ng/ml	0.1	0.23	21-46 parameters on SPECTROPHOTOMET ER Architect c8000	PT RIQAS
	12. PSA TOTAL	0-50 ng/ml	0	0.16		
	13. FT3	1.0-30.0pg/mL	0.6	0.01		
	14. FT4	0-6.0 ng/ml	0	0.07		
	15. T3	0-8.0 ng/ml	0	0.06	47-49 INDIRECT ISE	
16. T4	1.0-24.0 ug/dl	0.4	0.21	Architect c8000		

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17. TSH	0-100 mIU/ml	0.38	0.29
18. VITAMIN B12	60-2000pg/ml	5	1.72
19. VITAMIN D	0-160 ng/ml	4	0.03
20. FERRITIN	1.0-1000ng/mL	0.1	12.63
21. IGE	12.9-1000iu/ml	2	6.667
22. ALBUMIN	Upto942u/l	1	0.026
23. ALT	Upto942u/l	12.9	
24. ALP	Up to 2200u/l	0.4	
25. AST	Upto913u/l	2	
26. BILI TOTAL	0.1-25.0mg/dl	0.1	0.38
27. CA	2.024.0mg/dl	2	0.161
28. CHOL	upto705 mg/dl	0.1	5.152
29. TG	upto1420 mg/dl	2	2.08
30. HDL	upto221 mg/dl	5	
31. GLUCOSE (F)	5-800mg/dl	5	2.68
32. UREA	upto 125 mg/dl	5	1.12
33. CREATININE	0.20-370mg/dl	0.2	0.14
34. TOTAL PROTEIN	Upto 18.4g/dl	0.7	0.094
35. GGT	1543u/l	0.2	
36. AMYLASE TOTAL	Upto3010U/l	0.8	
37. BICARBONATE	5-50mEq/l	2.5	0.183
38. BILI DIRECT	0.1-15mg/dl	2	
39. CK TOTAL	Upto4267		7.431
40. IRON	5-1000Ug/dl	2	
41. LDH	Upto2000 U/l	0.04	4.033
42. LIPASE	Upto 1200	0.1	0.031
43. LITHIUM	0.10-3.51mol	0.2	0.065
44. MG	0.6-9.5mg/dl	0.1	0.161
45. PHOSPHORUS	0.1-3.5mmol/l		

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	46. URIC ACID	33.1mg/dl	1.6	0.246		
	47. SODIUM	Upto 2000mmol/l	0.01	1		
	48. POTASSIUM	Upto10mmol/l	0.1	0.05		
	49. CHLORIDE	UPTO 150mmol/l	0.7	1.333		
TISSUE	SECTION OF HISTOPATHOLOGY				Manual Procedure	Daily Departmental Consultation Meeting
	BIOPSY	Not applicable	Not applicable	Not applicable		
	H&E					
	SPECIAL STAINS					
	IMMUNOSTAINS					
SERUM	MICROBIOLOGY				Architect i2000	RIQAS
	ANTI HIV 1 & 2	Qualitative detection +ve/-ve	Not applicable	Not applicable		
	Anti HBC					
	RUBELLA IGG					
	RUBELLA IGM					
						Cobas e411
WHOLE BLOOD	HAEMATOLOGY				CELLDYNE RUBI	RIQAS EIQAS
	CBC WITH ESR					
SERUM	MOLECULAR PATHOLOGY HCV Qualitative (HCV-PCR)	Qualitative detection +ve/-ve	Not applicable	Not applicable	Cobas Ampliprep /Taqman 96	CAP

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