

# ACCREDITATION CERTIFICATE

No.: LB-083

*Dubai Accreditation Department (DAC)*

*has accredited*

*Minerva Diagnostic Laboratory, Dubai- UAE*

In accordance with the requirements of BS/ EN/ ISO 15189: 2007 to undertake the tests in the field(s) of:

## Medical Testing

For the tasks listed in the attached Scope of Accreditation

This Accreditation shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation program.

**Validity of Certificate: from 02- 11- 2011 to 01- 11- 2014**

- \* The accreditation certificate is invalid without attached scope of accreditation
- \* Initial accreditation date: 02 November 2011

*Director, Dubai Accreditation Department*



## SCOPE OF ACCREDITATION (LB-MD)

Minerva Diagnostic Laboratory, Dubai- UAE

Scope Issue No: 01

Accreditation Certificate No: LB-083

Scope Validity Period: 02/11/2011 to 01/11/2014

Issued by (Head of Section):

Type of Task	Materials/Products	Task Name	Standard method		
Clinical Pathology	Urine	Urine Deposits	Wet Mount Microscopy		
		pH	Strip- Dip strip		
		Specific Gravity			
		Glucose			
		Blood			
		Leucocytes			
		Nitrite			
		Protein			
		Ketone			
		Urobilinogen			
		Bile salts			
		Bile pigments			
		Stool		Routine & Microscopy	Manual
				Occult Blood	Chromatography
Reducing Substance	Manual				
Semen		Semen analysis - Spermatozoa count	Microscopy		
		Semen Fructose	Manual		
Skin/Nail/Swab		KOH mount	Microscopy /Wet Mount		
Serum / plasma		Alanine Aminotransferase (ALT) or SGPT	Enzyme Kinetic		
		Albumin	Bromocresol purple		
		Alkaline Phosphatase	Enzyme Kinetic(pNPP)		
Serum		Amylase	Enzymatic		
Serum / plasma		Aspartate Aminotransaminase (AST) or SGOT	Enzyme Kinetic		
		Bilirubin – Direct	Diazo End point		
Serum		Bilirubin – Total	Diazo End point		
		Calcium	Arsenazo III		
Serum / Urine		Cholesterol	Enzymatic End point		

Note: For history details of accredited conformity assessment activities, please refer to Dubai Accreditation Department, Dubai Municipality.

P.O Box: 67, DUBAI-UAE., TEL: 00971-4-3027445, FAX: 00971-4-3362381

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Type of Task	Materials/Products	Task Name	Standard method
Clinical Pathology	Serum / Urine	Creatinine	Jaffe's method
	Serum	Gammaglutamyl transferase	Enzyme Kinetic
	Plasma / Urine / Serum	Glucose	Glu-Pap Enzymatic method
	Whole Blood	HbA1C	Borate membrane assay
	Serum	HDL Cholesterol	Cholesterol esterase End point
		LDL	Cholesterol esterase End point
		Inorganic phosphorus	Phos[phomolybdate
	(i) Serum	Total Protein	Biuret
	(ii) CSF / Urine		
	Serum	Globulin	Calculation
		Triglyceride	Enzymatic End point
	Serum / Plasma / Urine	Urea	Urease Kinetic
	Serum / Urine	Uric acid	Uricase End point
	Serum	CK	Enzymatic
		Iron	TPTZ
	Serum/Urine	Sodium	Optical Florescence
		Potassium	Optical Florescence
		Chloride	Optical Florescence
	Serum / plasma	T3-T	ECLIA
		T4-T	ECLIA
		TSH	ECLIA
		FT3	ECLIA
	Serum / plasma	FT4	ECLIA
		BETA HCG	ECLIA
		LH	ECLIA
		TOTAL PSA	ECLIA
		PROLACTIN	ECLIA

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Type of Task	Materials/Products	Task Name	Standard method
Clinical Pathology	Serum / plasma	FSH	ECLIA
		TOTAL TESTOSTERONE	ECLIA
		ANTI TPO	ECLIA
		INSULIN	ECLIA
		IGE	ECLIA
Haematology	Whole Blood	Haemoglobin	Photometric
		Total WBC	Electrical impedance
		Total RBC	Electrical impedance
		Hematocrit (HCT)	Electrical impedance
		Platelets	Electrical impedance
		Differential Count	Microscopy
		Neutrophils	
		Lymphocyte	
		Eosinophils	
		Monocytes	
		Basophils	
		PCV	Calculation-automatic
		MCV	Calculation
		MCH	Calculation
		MCHC	Calculation
		RDW	Calculation
		PDW	Calculation
		MPV	Calculation
		ESR	Wintrobe's
Malarial parasite	Microscopy		
Reticulocytes	Microscopy		
AEC	Manual		
Citrate Plasma	PT	Coagulation	

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Type of Task	Materials/Products	Task Name	Standard method
Immunohaematology	Whole blood	Blood group	Agglutination Direct Coomb's Test
		Rh Titer	Agglutination
	Serum	Indirect Coomb's test	Agglutination
Diagnostic Immunology	Serum/ Plasma	ASO	Latex
		RA FACTOR	Latex
		WIDAL	Latex & Tube agglutination
		H. Pylori	Immono Chromatography
	Stool	Rota Virus	Immono Chromatography
Microbiology	Serum/ Plasma	HBsAg	ECLIA
		RPR	Flocculation
		HIV COMBI	ECLIA
		ANA	Line Immunoassay
		nRNP	
		Ro-52	
		Sm	
		SS-A	
		Scl-70	
		PM-Scl	
		Jo-1	
		dsDNA	
		Histone	
Ribosomal-O Protein			
AMA-M2			
CENP B			
Nucleosomes			
PCNA			
RUBELLA IgG	ECLIA		

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Type of Task	Materials/Products	Task Name	Standard method
Microbiology	Serum	Food allergens: Egg White Egg Yolk Cow Milk Chocolate Wheat Flour Soyabean Yeast Nut mix 2 Peanut Orange Strawberry Banana Mango Tomato Carrot Onion Chicken meat Mutton Codfish Shrimp	Line Immuno Assay

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Type of Task	Materials/Products	Task Name	Standard method
Microbiology	Serum	Inhalant Allergens Timothy Grass Cultivated rye Alder Birch Oak Olive Common ragweed Mugwort dermato pteronyssin Der.farinae (mite) Cockroach cat dog Horse Camel Penicillium notatum Cladosporium herb Aspergillus fumigatus Alternaria alternata	Line Immunoassay
Microbiology	Urine/Pus/Body Fluids	Urine/Pus/Body Fluids	Gram's Stain
Histopathology Cytology	Slide /Fluid	Cytology	MGG,PAP
	Stained slides	Histopathology	Microscopy
	Slides	FNAC	MGG,PAP,ZN

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Toxicology	Urine	Urine Drugs Barbituates Amphetamines Benzodiazepines Cannabis Cocaine Methamphetines Methedone Morphine Phencyclidine Tricyclic-Antidepressant Barbiturates Amphetamines	ImmunoChromatography

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