

# ACCREDITATION CERTIFICATE

No.: LB-063

***Dubai Accreditation Department (DAC)***

*has accredited*

**Salmiya Medical Laboratory, Kuwait**

In accordance with the requirements of 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 22-06-2010 to 21-06-2013**

- \* The accreditation certificate is invalid without attached scope of accreditation
- \* Initial accreditation date: 22<sup>nd</sup> June 2010

  
**Director, Dubai Accreditation Department**

## SCOPE OF ACCREDITATION (LB-MD)

**Salmiya Medical Laboratory- Kuwait**

**Scope Issue No: 02**

**Accreditation Certificate No: LB-063**

**Scope Validity Period: 11-07-2010 to 21-06-2013**

**Issued by (Head of Section):**

Type of Task	Materials/Products	Task Name	Standard method
Clinical Chemistry	Serum, Plasma	Albumin	Bromocresol Green -Spectrometry
	Serum, Plasma	ALP (Alkaline Phosphatase)	Spectrometry
	Serum, Plasma	ALT Alanine Transaminase	Spectrometry
	Serum, Plasma	Amylase-Pancreatic	Spectrometry
	Serum, Plasma	AST Aspartate Transaminase	Spectrometry
	Serum	Bilirubin Direct	Spectrometry
	Serum	Bilirubin Total	Spectrometry
	Serum	Calcium	Spectrometry
	Serum, Plasma	Chloride	Direct Ion Selective Electrode (ISE)
	Serum, Plasma	Cholesterol (Total)	Spectrometry
	Serum	CK (Creatine Kinase)	Spectrometry
	Serum	CKMB (Creatine Kinase Myocardia & Brain)	Spectrometry
	Serum, urine	Creatinine	Spectrometry
	Serum	GGT (Glutamyl Transferase)	Spectrometry
	Serum, Plasma	Glucose	Spectrometry
	Blood	HbA1C (Glycosylated Haemoglobin)	Spectrometry
	Serum	HDL Cholesterol	Spectrometry
	Serum	Iron	Spectrometry
	Serum	LDH (Lactate Dehydrogenase)	Spectrometry
	Serum	Lipoprotein Electrophoresis	Gel Eletrophoresis- Automated
Serum	Magnesium	Spectrometry	
Urine	Microalbumin	Spectrometry	

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

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Type of Task	Materials/Products	Task Name	Standard method
Clinical Chemistry	Serum	Phosphorous	Spectrometry
	Serum	Potassium	Direct Ion Selective Electrode (ISE)
	Serum, Urine	Protein Total	Spectrometry
	Serum	Sodium	Direct Ion Selective Electrode (ISE)
	Serum	Triglycerides	Spectrometry
	Serum	UIBC (Unsaturated Iron Binding Capacity)	Spectrometry
	Serum	Urea	Spectrometry
	Serum	Uric Acid /urate	Spectrometry
	Serum	Zinc	Spectrophotometry
	Immunology	Serum, Plasma	AFP (Alpha Fetoprotein)
Serum		Allergy (Food)	Enzyme ImmunoAssay
Serum		Allergy (Inhalents)	Enzyme ImmunoAssay
Serum		ASOT (Anti Streptolysin O Titer)	Latex Agglutination
Serum, Plasma		Beta-HCG	Electro Chemiluminescence
Serum		Brucella	Latex Agglutination
Serum, Plasma		Cortisol	Electro Chemiluminescence
Serum, Plasma		CRP (C- Reactive Protein)	Latex Agglutination
Serum, Plasma		DHEA-S (Dehydro Epiandrosterone Sulfate)	Electro Chemiluminescence
Serum, Plasma		Estradiol	Electro Chemiluminescence/ MEIA
Serum, Plasma		Ferritin	Electro Chemiluminescence
Serum, plasma		Folic acid	Electro Chemiluminescence
Serum, Plasma		Free T3	Electro Chemiluminescence/ MEIA
Serum, Plasma		Free T4	Electro Chemiluminescence/ MEIA
Serum, Plasma		FSH (Follicle Stimulating Hormone)	Electro Chemiluminescence/ MEIA

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Type of Task	Materials/Products	Task Name	Standard method
Immunology	Serum, Plasma	Helicobacter Pylori	Immunochemistry
	Serum, Plasma	Immuno- globulin E (IgE)	Electro Chemiluminescence
	Serum, Plasma	Insulin	Electro Chemiluminescence
	Serum, Plasma	L.H ( Luteinizing Hormone)	Electro Chemiluminescence/ MEIA
	Serum, Plasma	Mono Spot (Infectious Mononucleosis)	Rapid Chromatography
	Urine serum	Pregnancy Test (HCG Qualitative)	Rapid Chromatography
	Serum, Plasma	Progesterone	Electro Chemiluminescence/ MEIA
	Serum, Plasma	Prolactin	Electro Chemiluminescence/ MEIA
	Serum, Plasma	Prostate Specific Antigen PSA-Free	Electro Chemiluminescence
	Serum, Plasma	Prostate Specific Antigen PSA-Total	Electro Chemiluminescence
	Serum, Plasma	PTH (Parathyroid Hormone) - LOCAL	Electro Chemiluminescence
	Serum	R.F (Rheumatoid Factor)	Latex Agglutination
	Serum, Plasma	SHBG (Sex Hormone Binding Globulin)	Electro Chemiluminescence
	Serum	SLE (ANA)	Agglutination
	Serum, Plasma	Testosterone-Total	Electro Chemiluminescence/ MEIA
	Serum, Plasma	TSH (Thyroid Stimulating Hormone)	Electro Chemiluminescence/ MEIA
	Serum	VDRL/RPR	Agglutination
	Serum, Plasma	Vitamin B12	Electro Chemiluminescence
	Serum, Plasma	Vitamin D 25 (OH)	Electro Chemiluminescence
	Serum	Widal	Agglutination
Serum	CA-125 (Cancer Antigen-125 Tumour Marker)	Electro Chemiluminescence	
Serum	CA-15.3 (Cancer Antigen -15.3 Tumour Marker)	Electro Chemiluminescence	

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Type of Task	Materials/Products	Task Name	Standard method
Immunology	Serum	CA-19.9 (Cancer Antigen-19.9 Tumour Marker)	Electro Chemiluminescence
	Serum	CEA (Carcino Embryonic Antigen)	Electro Chemiluminescence
Hematology	Plasma	APTT (Activated Partial Thrombin Time)	Optical- Semiautomated
	Blood	Blood Grouping	Slide agglutination
	Blood	CBC (Complete Blood Count)	Electrical Impedance-Automated
	Blood	Differential Leucocytic Count	Automated- Optical Flow
	Blood	Erythrocytes Count (RBC)	Automated- Electrical Impedance
	Blood	ESR (Erythrocyte Sedimentation Rate)	Westgran Method
	Blood	G6PD(Glucose 6 Phosphate Dehydrogenase)	Spectrophotometry
	Blood	Hb (Hemoglobin)	Automated- Spectrophotometry
	Blood	Hb Electrophoresis	Automated
	Blood	Indirect Coomb Test (IAT)	Manual
	Blood	Leucocytes Count (WBC)	Automated- Electrical Impedance
	Plasma	PT/INR (Prothrombin Time)	Optical- Semi automated
	Blood	Reticulocyte Count	Automated –Electrical Impedance
	Blood	Sickle Cell Screening	Manual -Solubility
Blood	Thrombocytes Count (Platelets)	Automated- Electrical Impedance	
Microbiology	Blood	C & S of Blood	Aerobic- manual
	swabs	C & S of Ear ,Eye,,wound ,pus &other Swabs	Aerobic -Manual
	Swabs	C & S of Mycoplasma	Aerobic

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Microbiology	Fluids	C & S of other body / serous fluids. (ascitic, pleural, peritoneal, synovial, hydrocele)	Aerobic, Manual
	semen	C & S of Semen	Aerobic -Manual
	Sputum	C & S of Sputum	Aerobic -Manual
	Stool	C & S of Stool	Aerobic -Manual
	swab	C & S of Throat Swab	Aerobic -Manual
	Swab	C & S of Urethral Swabs for gonococci	Aerobic -Manual
	Urine	C & S of Urine	Aerobic -Manual
	Swab	C & S of Vaginal Swabs	Aerobic -Manual
	Swab	Chlamydia Antigen detection	Rapid Immuno Chromatography
	Swab	Direct Microscopic Examination of HVS	Light microscopy
	Swab	Gram, S stain –Urethral Swabs	Light Microscopy
	Breath	Helicobacter Pylori (Urea Breath Test)	C13 isotope radio mass spectrometry
	Clipping	KOH For Nail, Hair, Skin Scrapping	Light Microscopy
	Stool	Occult Blood in stool	Immunochromatography
	Semen	Semen Analysis	Manual –Macro & Microscopy
	Stool	Stool Analysis	Manual -Microscopy
	Urine	Urinalysis	Semi-automated- Strip method

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