



إدارة اعتماد تقييم المطابقة DUBAI ACCREDITATION DEPARTMENT

شهادة اعتماد ACCREDITATION CERTIFICATE No. LB-045

Dubai Accreditation Department Attests that

DUBAI MEDICAL LABORATORY
Dubai Tower, Deira, Baniyas Square

P.O.BOX : 4335- Dubai – U.A.E

Tel: +971 4 2213166

Fax: +971 4 2283015

Email Address : dml@medsol-me.com

Is accredited under Laboratory Accreditation Program of Dubai Accreditation Department and meets the requirements of ISO 15189: 2007 "Medical Laboratories- Particular requirements for quality competence", to undertake the tests listed in the following Scope of Accreditation* bearing the above accreditation number:

- **Medical Testing (LAB-MD)**

From time to time the scopes attached to this certificate may be revised and reissued by Dubai Accreditation Department.

This Accreditation shall remain in force until the expiry date printed below, subject to continuing compliance with the requirements of the accreditation program.


مدير إدارة اعتماد تقييم المطابقة
Director of Dubai Accreditation Department

* The attached Scope of Accreditation forms an integral part of this Certificate

تشهد إدارة اعتماد تقييم المطابقة بأن

مختبر دبي للتحاليل الطبية

برج دبي - ديرة - ميدان بني ياس

ص.ب : 4335 دبي - ا.ع.م

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البريد الإلكتروني: dml@medsol-me.com

معتمد لدى برنامج اعتماد المختبرات لإدارة اعتماد تقييم المطابقة، وقد استوفى متطلبات الاعتماد وفقاً للمواصفة القياسية العالمية ISO 15189: 2007 "المتطلبات العامة لكفاءة المختبرات الطبية" للقيام بالفحوص المذكورة في مجالات الاعتماد* التالية والتي تحمل الرقم المذكور أعلاه:

- **الفحوص الطبية (LAB-MD)**

إن مجالات الاعتماد المرفقة بهذه الشهادة قابلة للتحديث وإعادة الإصدار من إدارة اعتماد تقييم المطابقة من وقت لآخر.

إن هذا الاعتماد يعتبر صالحاً حتى تاريخ الانتهاء المدون أدناه شريطة استمرار المختبر في تطبيق متطلبات برنامج الاعتماد.


تاريخ الإصدار: (13-08-2009) Issue Date:

تاريخ الانتهاء: (12-08-2012) Expiry Date:

* يعتبر مجال الاعتماد المرفق جزء لا يتجزأ من هذه الشهادة



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Issue No.: **MD-01**
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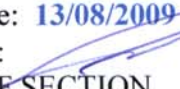
Type of Task	Materials/Products	Task Name	Standard method
MICROBIOLOGY	CHLAMYDIA	PRESENCE OF CHLAMYDIA ANTIGEN	ELFA
	CULTURE, BLOOD	GROWTH OF PATHOGENIC BACTERIA	OXOID SIGNAL / HEMOLINE BLOOD CULTURE SYSTEM
	CULTURE, BODY FLUID	GROWTH OF PATHOGENIC BACTERIA	CULTURE ON BLOOD AGAR,CA,MA IDENTIFICATION BY API & OTHER BIOCHEMICAL TESTS
	CULTURE, EAR	GROWTH OF PATHOGENIC BACTERIA AND FUNGI	CULTURE ON BA,CA,MA,SDA & IDENTIFICATION BY API
	CULTURE, FUNGI	GROWTH OF DERMATOPHYTES & CANDIDA	CULTURE ON SDA,IDENTIFICATION BY MACROSCOPY & MICROSCOPY
	CULTURE, HIGH VAGINAL	GROWTH OF PATHOGENIC BACTERIA ,CANDIDA,AND PARASITES	CULTURE ON BA,CA,SDA & MICROSCOPY.DENTIFICATION BY GROUPING SERA & OTHER BIOCHEMICAL TESTS
	CULTURE,MYCOPLASMA	GROWTH OF UREAPLASMA ND MYCOPLASMA	CULTURE ON SPECIAL KIT
	CULTURE,NASOPHARYNGEAL	GROWTH OF PATHOGENIC BACTERIA	CULTURE ON BA,CA,MA,SDA & IDENTIFICATION BY API& OTHER BIOCHEMICAL TESTS
	CULTURE, SEMEN	GROWTH OF PATHOGENIC BACTERIA	CULTURE ON BA,CA,MA,SDA & IDENTIFICATION BY API& OTHER BIOCHEMICAL TESTS
	CULTURE , SPUTUM	GROWTH OF PATHOGENIC BACTERIA	CULTURE ON BA,CA,MA,SDA & IDENTIFICATION BY API& OTHER BIOCHEMICAL TESTS
	CULTURE STOOL	GROWTH OF PATHOGENIC BACTERIA	CULTURE ON XLD & M AC,IDENTIFICATION BY API& OTHER BIOCHEMICAL TESTS
	CULTURE,THROAT	GROWTH OF PATHOGENIC BACTERIA	CULTURE ON BA, CA & IDENTIFICATION BY API& GROUPING SERA

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

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MICROBIOLOGY	CULTURE, URINE	GROWTH OF PATHOGENIC BACTERIA	CULTURE ON & BA, MAC & IDENTIFICATION BY API & OTHER BIOCHEMICAL TESTS	
	CULTURE, WOUND	GROWTH OF PATHOGENIC BACTERIA	CULTURE ON BA, CA, MA, SDA & IDENTIFICATION BY API & OTHER BIOCHEMICAL TESTS	
	DIRECT GRAM'S STAIN	Presence of Gram positive and Gram negative cocci and bacilli	GRAMS STAIN	
	HELICOBACTER PYLORI (ANTIGEN DETECTION IN STOOL)	Presence of <i>H. pylori</i> antigen	RAPID EIA	
	ROTAVIRUS IN STOOL (ELISA)	Presence of Rota virus antigen	RAPID ANTIGEN DETECTION BY AGGLUTINATION	
	SEMEN ANALYSIS	Presence, count and activity of spermatozoa	MICROSCOPY & MACROSCOPY	
	STOOL ANALYSIS	Presence of ova, cyst, parasite, RBC, WBC	MICROSCOPY & MACROSCOPY	
	URINE ANALYSIS	Presence of pus cell, RBC, cast, parasite and chemistry of urine	DIP STICK AND MICROSCOPY	
	BIOCHEMISTRY	ALBUMIN	Albumin in blood/ 4.23 - 60 g/L	SPECTROMETRY (AUTOMATED)
		ALCOHOL IN BLOOD	Presence of Alcohol in blood	SPECTROMETRY
ALKALINE PHOSPHATASE		Alkaline Phosphatase in blood/ 4.11 - 900 u/L	SPECTROMETRY (AUTOMATED)	
ALT (GPT)		ALT in blood/ 4.66 - 325 u/L	SPECTROMETRY (AUTOMATED)	
AMYLASE IN SERUM		Amylase in serum/ 0.72 - 1695 u/L	SPECTROMETRY (AUTOMATED)	
AMYLASE IN URINE		Amylase in urine/ 0.72- 1695 u/L	SPECTROMETRY (AUTOMATED)	
ANTISTREPTOLYSIN O		ASO in blood/ 50 - 700 iu/mL	SPECTROMETRY (AUTOMATED)	
AST (GOT)		AST in blood/ 2.71 - 325 u/L	SPECTROMETRY (AUTOMATED)	

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BIOCHEMISTRY			
	BARBITURATES	presence of barbiturates in urine/ 300 ng/mL and above	IMMUNOCHROMATOGRAPHIC ASSAY (SCREENING TEST)
	BILIRUBIN TOTAL	unconjugated bilirubin in blood /19.9 mg/dL	SPECTROMETRY (AUTOMATED)
	C. REACTIVE PROTEIN (CRP)	CRP in blood/ 2.5 - 160 mg/dL	SPECTROMETRY (AUTOMATED)
	C3 COMPLEMENT	C3 in blood	TURBIDIMETRY
	C4 COMPLEMENT	C4 in blood	TURBIDIMETRY
	CALCIUM-SERUM	calcium in serum/ 0.56 - 17 mg/dL	SPECTROMETRY, (AUTOMATED)
	CALCIUM-URINE	calcium in urine/ 0.56 - 17 mg/dL	SPECTROMETRY (AUTOMATED)
	CALCULUS CHEMICAL ANALYSIS	chemical composition of calculus	CHEMICAL REACTIONS
	CANNABIS	presence of cannabis in urine/ 50 ng/mL and above	IMMUNOCHROMATOGRAPHIC ASSAY (SCREENING TEST)
	CHLORIDE-SERUM	chloride in serum	SPECTROMETRY
	CHLORIDE-URINE	chloride in urine	SPECTROMETRY (AUTOMATED)
	CHOLESTEROL TOTAL	total cholesterol in blood/ 600 mg/dL	SPECTROMETRY (AUTOMATED)
	CHOLESTEROL-HDL	HDL cholesterol in blood/ 3.9 - 150 mg/dL (0.10 - 3.9 mmol/L)	SPECTROMETRY (AUTOMATED)
	CHOLESTEROL-LDL	LDL cholesterol in blood	SPECTROMETRY (AUTOMATED)
	CREATINE KINASE (CK)	CK in blood/ up to 1000 u/L	SPECTROMETRY (AUTOMATED)
	CREATININE CLEARANCE	Creatinine Clearance	SPECTROMETRY (AUTOMATED)
	CREATININE-SERUM	Creatinine in blood / 0.08 - 10 mg/dL	SPECTROMETRY (AUTOMATED)
	CREATININE-URINE	Creatinine in urine / 0.08 - 10 mg/dL	SPECTROMETRY (AUTOMATED)
	FRUCTOSE IN SEMEN	Presence of Fructose in semen / up to 1200 mg/dL	SPECTROMETRY
	GAMMA G.T.	Gamma GT in blood	SPECTROMETRY (AUTOMATED)

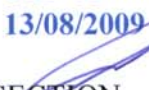
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BIOCHEMISTRY	GLUCOSE	Glucose in blood / 4.69 mg/dL - 400 mg/dL	SPECTROMETRY (AUTOMATED)
	GLYCOSYLATED HAEMOGLOBIN (HBA1c)	HBA1c in blood / 1.8 % - 14.7 %	SPECTROMETRY, (AUTOMATED) & DCA
	HDL CHOLESTEROL	HDL cholesterol in blood/ 3.9 - 150 mg/dL (0.10 - 3.9 mmol/L)	SPECTROMETRY (AUTOMATED)
	HELICOBACTER PYLORI (UREA 13C BREATH TEST)	UREA 13 C in breath / NA	GAS MASS SPECTROMETRY
	IRON	Iron in blood / 13.69 - 949 ug/dL	SPECTROMETRY (AUTOMATED)
	TOTAL IRON BINDING CAPACITY (TIBC)	Total Iron Binding Capacity in blood	SPECTROMETRY (AUTOMATED)
	LACTATE DEHYDROGINASE (LDH)	LDH in blood / 0.150 ΔE/min	SPECTROMETRY (AUTOMATED)
	LDL CHOLESTROL	LDL cholesterol in blood	SPECTROMETRY (AUTOMATED)
	LITHIUM IN BLOOD	Lithium in blood / 0.1 - 3 mmol/L	SPECTROMETRY
	MAGNESIUM	Magnesium in blood / 0.05 - 5 mg/dL	SPECTROMETRY (AUTOMATED)
	MICROALBUMIN IN URINE	Microalbumin in urine / 1 - 2000 mg/g	SPECTROMETRY (AUTOMATED)
	PHOSHOROUS IN SERUM	Phosphorus in blood / 1.02 - 30.4 mg/dL	SPECTROMETRY (AUTOMATED)
	PHOSHOROUS IN URINE	Phosphorus in urine/ 1.02 - 30.4 mg/dL	SPECTROMETRY (AUTOMATED)
	POTASSIUM IN SERUM	Potassium in serum/ 0.1 - 10 mmol/L	ION SELECTIVE ELECTRODE (ISE)
	POTASSIUM IN URINE	Potassium in urine/ 0.1 - 10 mmol/L	ION SELECTIVE ELECTRODE (ISE)
	PROTEIN TOTAL IN SERUM	Total Protein in blood/ 0.55 - 14 g/dL	SPECTROMETRY (AUTOMATED)
	PROTEIN TOTAL IN URINE (QUANTITATIVE)	Total Protein in urine	SPECTROMETRY
	SODIUM-SERUM	Sodium blood / 2 - 180 mmol/L	ION SELECTIVE ELECTRODE (ISE)
	SODIUM-URINE	Sodium in urine / 2 - 180 mmol/L	ION SELECTIVE ELECTRODE (ISE)

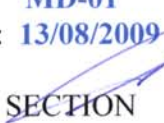
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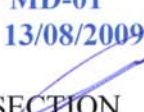
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BIOCHEMISTRY	TRIGLYCERIDES	Triglycerides in blood	SPECTROMETRY (AUTOMATED)
	UREA-BLOOD	Urea in blood	SPECTROMETRY (AUTOMATED)
	UREA-URINE	Urea in urine	SPECTROMETRY (AUTOMATED)
	URIC ACID IN BLOOD	Uric acid in blood / 0.67 mg/dL - 20 mg/dL	SPECTROMETRY (AUTOMATED)
	URIC ACID IN URINE	Uric acid in urine / 0.67 mg/dL - 20 mg/dL	SPECTROMETRY (AUTOMATED)
IMMUNOLOGY	ALLERGY- FOOD PROFILE (20 TESTS & IgE TOTAL)	Specific antibodies of IgE class to different food allergen	ELISA (Enzyme Linked ImmunoSorbent Assay)
	ALLERGY- INHALANT PROFILE (18 TESTS & IgE TOTAL)	Specific antibodies of IgE class to different inhalant allergen	ELISA
	ALLERGY- GENERAL PROFILE (38 TESTS & IgE TOTAL)	Specific antibodies of IgE class to different food and inhalant allergen	ELISA
	ANTI DNA DOUBLE STRAND (DNA)	Anti DNA antibodies	INDIRECT IMMUNOFLUORESCENT
	ANTI HEPATITIS B ANTIBODY TOTAL	Anti Hepatitis B surface antigen antibodies / < 5 to 500	ELFA- MEIA
	ANTI HEPATITIS B CORE ANTIBODY TOTAL	Anti Hepatitis B core antigen antibodies / 0.08 ng/mL	ELFA- MEIA
	ANTI HEPATITIS Be ANTIBODY TOTAL	Anti Hepatitis B envelope antigen antibodies	ELFA- MEIA
	ANTI NUCLEAR ANTIBODY (ANA)	Anti ANA antibodies / dilution factor 1:100	INDIRECT IMMUNOFLUORESCENT
	BRUCELLA AB	Brucella antibodies	AGGLUTINATION (ROSE BENGAL)
	CANCER ANTIGEN125 (TUMOUR MARKER)	125 Cancer antigen in blood	ELFA
	CANCER ANTIGEN15-3 (BREAST TUMOUR MARKER)	15.3 Cancer antigen in blood	ELFA

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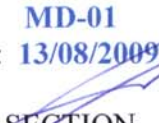
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IMMUNOLOGY	CANCER ANTIGEN19-9 (TUMOUR MARKER)	19.9 Cancer antigen in blood	ELFA
	CHLAMYDIA AB IF	Anti Chlamydia antibodies	DIRECT IMMUNOFLUORESCENT
	CORTISOL IN BLOOD	CORTISOL IN BLOOD 0.2 ug/dL	CHEMILUMINESCENT
	CYTOMEGALOVIRUS IgG	CMV IgG antibodies / index	ELFA
	CYTOMEGALOVIRUS IgM	CMV IgM antibodies / index	MEIA
	DHEA-SO4	DHEA-SO4 in blood / 3 ug/dL (0.08umol/L)	CHEMILUMINESCENT
	DOWN'S SYNDROME SCREEN (TRIPLE TEST)	HCG,AFP, E3 in blood	CHEMILUMINESCENT (ANALYSED BY PRISCA SOFTWARE ANALYSIS)
	EPSTEIN-BARR VIRUS AB IgG (EBV)	EBV IgG antibodies	INDIRECT IMMUNOFLUORESCENT
	EPSTEIN-BARR VIRUS AB IgM (EBV)	EBV IgM antibodies	INDIRECT IMMUNOFLUORESCENT
	FERITIN	Ferritin in blood	CHEMILUMINESCENT
	FREE PSA (Including Total PSA)	Free PSA in blood	ELFA-MEIA
	FSH	FSH in blood / 0.1 miu/mL	CHEMILUMINESCENT
	FREE T3	Free T3 in blood / 1.1 pg/mL	MEIA
	FREE T4	Free in blood / T0.4 ng/dL	MEIA
	FTA-ABS	Anti Treponemal Antigen antibodies	INDIRECT IMMUNOFLUORESCENT
	GROWTH HORMONE (HGH)	Growth Hormone in blood / 0.01 ng/mL (0.026 miu/mL)	CHEMILUMINESCENT
	HCG, TOTAL	Total HCG in blood / 2 - 1500 miu/mL	CHEMILUMINESCENT
	HELICOBACTER PYLORI (AGGLUTINATION TEST IN SERUM)	Anti <i>H. pylori</i> antibodies	RAPID IMMUNOASSAY
	HEPATITIS A AB IgM (HVAM)	Hepatitis A IgM antibodies / index	MEIA

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IMMUNOLOGY	HEPATITIS A AB TOTAL (HVAG)	Hepatitis A Total antibodies / 15 - 400 miu/mL	ELFA-MEIA
	HEPATITIS B S AG (HBSAG)	Hepatitis B Surface Antigen	ELFA-MEIA
	HEPATITIS Bc AB IgM	Anti Hepatitis B Core-IgM	ELFA-MEIA
	HEPATITIS Be AB TOTAL	Anti Hepatitis B Envelope Antibodies	ELFA-MEIA
	HEPATITIS Be ANTIGEN	Hepatitis B Envelope Antigen	ELFA-MEIA
	HEPATITIS C AB (HCV)	Anti Hepatitis C Antibodies	MEIA
	HERPES SIMPLEX I&II IgG (SCREENING TEST)	Anti HSV I & II IgG antibodies	CHEMILUMINESCENT
	HERPES SIMPLEX I&II IgM	Anti HSV I & II IgM antibodies	ELISA
	HERPES SIMPLEX I & II IgG (WITH TITRE)	Anti HSV II IgG antibodies	ELISA
	HIV I & II + P24 ANTIGEN	Anti HIV I&II antibodies, P 24 antigen	ELFA-MEIA
	IMMUNOGLOBULIN E (IgE)	Immunoglobulin class IgE	ELFA
	INSULIN LEVEL	Insulin in blood	CHEMILUMINESCENT
	LUTEINIZING HORMONE	LH in blood / 0.1 - 100 miu/mL(ELFA), 2 miu/mL(Immulite)	CHEMILUMINESCENT/ ELFA
	MONONUCLEOSIS ANTIBODY	Hetrophile antibodies EBV	LATEX AGGLUTINATION
	MYCOPLASMA AB	Anti Mycoplasma pneumoniae antibodies	AGGLUTINATION TEST
	OESTRADIOL	Estradiol in blood	ELFA-MEIA
	PROGESTERONE	Progesterone in blood / 0.2 ng/mL(immulite) 0.1 - 100 miu/mL (ELFA)	CHEMILUMINESCENT/ ELFA
	PROLACTIN	Prolactin in blood / 0.5 ng/mL(immulite) 0.5 - 200 ng/mL (ELFA)	CHEMILUMINESCENT
	PSA	Total PSA in blood / 0.07 - 100 ng/mL	ELFA
	RPR (SYPHILIS TEST)	Reagin Antibodies / NA	AGGLUTINATION

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IMMUNOLOGY	RUBELLA IgG	Rubella IgG antibodies / NA	ELFA
	RUBELLA IgM	Rubella IgM antibodies / NA	ELFA
	SEX HORMONE BINDING GLOBULIN (SHBG)	SHBG in blood /0.2 nmol/L	CHEMILUMINESCENT
	SPERMATOZOID ANTIBODIES	Anti Spermatozoa antibodies / NA	INDIRECT IMMUNOFLUORESCENT
	T3 TOTAL	T3 in blood / 35 - 600 ng/dL	CHEMILUMINESCENT
	T4 TOTAL	T4 in blood / 0.4 - 24 ug/dL	CHEMILUMINESCENT
	TESTOSTERONE	Testosterone in blood / < 0.2 ng/mL(MEIA), 0.1 - 13 ng/mL(Vidas)	MEIA/ ELFA
	THYROGLOBULIN LEVEL	Thyroglobulin in blood / 0.2 - 300 ng/mL	CHEMILUMINESCENT
	TOXOPLASMA IgG	Toxoplasma IgG antibodies / NA	ELFA MEIA
	TOXOPLASMA IgM	Toxoplasma IgM antibodies / NA	ELFA MEIA
	TPHA, TITRE (SYPHILIS TEST)	Anti Treponema antibodies / 1:80 - 1:2560	MICROHEMOAGGLUTINATION TEST MEIA
	TSH	TSH in blood / 0.004 miu/mL	
	VARICELLA - ZOSTER AB IgG (VZV)	Varicella IgG antibodies	INDIRECT IMMUNOFLUORESCENT
	VARICELLA - ZOSTER AB IgM (VZV)	Varicella IgM antibodies	INDIRECT IMMUNOFLUORESCENT MEIA
	VITAMIN B 12	Vitamin B12 in blood / 125 - 1200 pg/mL	
	WIDAL TEST	Anti Flagellar & Anti Somatic antibodies against S.typhi, S.paratyphi A, S.paratyphi B	SLIDE AGGLUTINATION

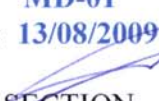
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HEMATOLOGY	COMPLETE BLOOD COUNT	Quantitative blood count of cells / NA	AUTOMATED CELL COUNTER
	ERYTHROCYTES COUNT (RBC)	Erythrocytes in blood / 0 - 8 m/uL	AUTOMATED CELL COUNTER
	ERYTHROCYTES SEDIMENTATION RATE (ESR)	Sedimentation rate of RBC / 0 - 150 mm	MANUAL
	FIBRINOGEN	Coagulation / NA	AUTOMATED COAGULOMETER
	G6P-DH (QUANTITATIVE)	G6PD on RBC / 0.4 u/g Hb - 21.0 u/g Hb	MANUAL PHOTOMETRY
	HAEMATOCRIT (PCV)	Packed cell volume / 50 - 200 Fl	AUTOMATED CELL COUNTER
	HAEMOGLOBIN (HB)	Haemoglobin in blood / 0 - 24 g/dL	AUTOMATED CELL COUNTER
	HB ELECTROPHORESIS	Haemoglobin fractions / NA	ELECTROPHORESIS
	MALARIA PARASITES	Presence of malarial parasite in blood / NA	MICROSCOPY
	PROTHROMBIN TIME & QUICK ACTIVITY	Coagulation / NA	COAGULOMETER
	RETICULOCYTES COUNT	Reticulocytes in blood	MANUAL COUNTING
	SICKLE CELL TEST	Sickle cell RBC in blood	MICROSCOPY
	THROMBOCYTES COUNT (PLATELETS COUNT)	Thrombocyte in blood / 0 - 2000 K/uL	AUTOMATED CELL COUNTER
	BLOOD GROUP AND RH	Presence/Absence of antigen A, B, AB, D on RBC / NA	MANUAL AGGLUTINATION

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

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