



TURKISH ACCREDITATION AGENCY

## COPY OF THE ACCREDITATION CERTIFICATE

As a Medical Testing Laboratory,

**DÜZEN B.B.A.G.Ü.A.Ş**  
**Düzen Laboratuvarı - Ankara Tunus**  
Tunus Cad. No:95 Kavaklıdere  
06680 ANKARA / TURKEY

The medical laboratories given in Annex are accredited in accordance with TS EN ISO 15189:2014 for the scopes given, following the assessment conducted by TURKAK.

**Accreditation No : AB-0002-TL**

**Accreditation Date : 18 April 2011**

**Revision Date / Number : 14 September 2015 / 05**


This certificate shall remain in force until **13 August 2019**, subject to continuing compliance of the medical laboratories with the standard **TS EN ISO 15189:2014**, related regulations and requirements.



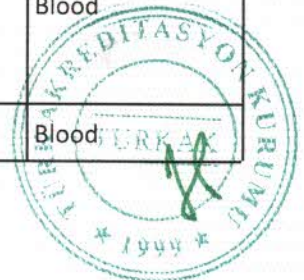
**Dr. H. İbrahim ÇETİN**  
Secretary General

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Accreditation Scope

 <p>Tibbi Laboratuvar TS EN ISO 15189 AB-0002-TL</p>	<p><b>DÜZEN B.B.A.G.Ü.A.Ş</b> <b>Düzen Laboratuvarı - Ankara Tunus</b></p> <p>Accreditation Nr: AB-0002-TL Revision Nr: 05 Date: 14 September 2015</p>	
	<p><b>As a Medical Testing Laboratory</b></p>	
	<p><b>Address:</b>Tunus Cad. No:95 Kavaklıdere 06680 ANKARA / TÜRKİYE</p>	<p><b>Phone</b> : 0 312 468 70 10 <b>Fax</b> : 0 312 427 78 74 <b>E-Mail</b> : kalite@duzen.com.tr <b>Website</b> : www.duzen.com.tr</p>

Medical Field, Products or Substances Tested / Examined	Examination / Testing Types, Technical Field, Parameters / Analytic Methods	Testing Method (National, International Standards, In-House Methods (SOP) / Used technics, Equipments	Initial Sampling
Biochemistry Tests		COBAS / C 501 Autoanalyzer, Inhouse Methods	
Serum, Plasma, Urine, CSF and Body Fluid	Glucose Test	Glukoz.TÇT.C501	Blood, Urine, CSF and Body Fluids
Serum, Plasma, Urine	Blood Urea Nitrogen (BUN) Test	BUN.TÇT.C501	Blood and Urine
Serum, Plasma and Urine	Creatinine Test	Kreatinin.TÇT.C501	Blood and Urine
Serum, Plasma	Total Protein Test	T. Protein.TÇT.C501	Blood
Serum, Plasma	Albumin Test	Albumin.TÇT.C501	Blood
Serum, Plasma and Urine	Uric Acid Test	Ürik Asit.TÇT.C501	Blood and Urine
Serum, Plasma	Alkaline Phosphatase (ALP) Test	ALP.TÇT.C501	Blood
Serum, Plasma	Aspartate Aminotransferase (AST) Test	AST.TÇT.C501	Blood
Serum, Plasma	Alanine Aminotransferase (ALT) Test	ALT.TÇT.C501	Blood
Serum, Plasma	Gamma Glutamyltransferase (GGT) Test	GGT.TÇT.C501	Blood
Serum, Plasma	Total Bilirubin Test	Total bilirubin.TÇT.C501	Blood



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Accreditation Scope

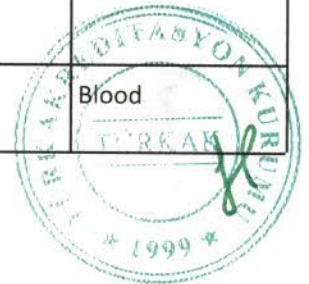


**DÜZEN B.B.A.G.Ü.A.Ş**  
Düzen Laboratuvarı - Ankara Tunus

Accreditation Nr: AB-0002-TL


Revision Nr: 05 Date: 14 September 2015

Medical Field, Products or Substances Tested / Examined	Examination / Testing Types, Technical Field, Parameters / Analytic Methods	Testing Method (National, International Standards, In-House Methods (SOP) / Used technics, Equipments	Initial Sampling
Serum, Plasma	Cholesterol Test	Kolesterol.TÇT.C501	Blood
Serum, Plasma	Triglyceride Test	Trigliserit.TÇT.C501	Blood
Serum, Plasma	HDL Cholesterol Test	HDLKolesterol.TÇT.C501	Blood
Serum, Plasma and Urine	Calcium Test	Kalsiyum.TÇT.C501	Blood and Urine
Protein Biochemistry Tests		Capillary, Inhouse Methods	
Serum, Body Fluids	Protein Electrophoresis Test	PE.TÇT.KAPİLLER (CZE)	Serum, Body Fluids
Hematology Tests		SYSMEX XT-2000i Hematology Autoanalyzer, Inhouse Methods	
Whole Blood	Complete Blood Cell Count	KANSAYIMI.TÇT.SYSMEX	Whole Blood
		UNICEL DxH 800 Hematology Autoanalyzer, Inhouse Methods	
Whole Blood	Complete Blood Cell Count	KANSAYIMI.TÇT.DxH 800	Whole Blood
		Peripheral Smear, Inhouse Methods	
Whole Blood	Microscopic Examination of Blood Film	PY.TÇT.MİKROSKOP	Whole Blood
Whole Blood	Preparation of Blood Film	PY.TÇT.MANUEL	Whole Blood
Viral Screening Tests		COBAS E601 Autoanalyzer, Inhouse Methods	
Serum, Plasma	Hepatitis C Antibody (Anti-HCV) Test	Anti-HCV.TÇT.E601	Blood

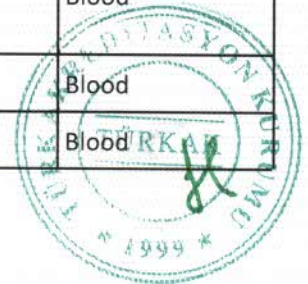


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Accreditation Scope


 Tıbbi Laboratuvar TS EN ISO 15189 AB-0002-TL	<b>DÜZEN B.B.A.G.Ü.A.Ş</b> <b>Düzen Laboratuvarı - Ankara Tunus</b>  Accreditation Nr: AB-0002-TL Revision Nr: 05 Date: 14 September 2015
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Medical Field, Products or Substances Tested / Examined	Examination / Testing Types, Technical Field, Parameters / Analytic Methods	Testing Method (National, International Standards, In-House Methods (SOP) / Used technics, Equipments	Initial Sampling
Serum, Plasma	Hepatitis B Surface Antigen (HBsAg) Test	HBsAg.TÇT.E601	Blood
Serum, Plasma	Hepatitis B Surface Antibody (Anti-HBs) Test	HBsAb.TÇT.E601	Blood
		VIDAS Autoanalyzer, Inhouse Methods	
Serum, Plasma	HIV ½ Antibody + HIV1 P24 Antigen Test	HIV Ag/Ab.TÇT.VİDAS	Blood
Viral Confirmation Tests		Western Blot, Inhouse Methods	
Serum, Plasma	HIV 1 Antibody Western blot Test	HIV1Ab.TÇT.WB	Blood
Serum, Plasma	Hepatitis C Antibody Recombinant Immunoblot (RIBA) Test	HCVAb.TÇT.WB	Blood
TORCH Group Tests		VİDAS Autoanalyzer, Inhouse Methods	
Serum	Anti Toxoplasma IgG Test	Toxo IgG.TÇT.VİDAS	Blood
Serum	Anti Toxoplasma IgM Test	Toxo IgM.TÇT.VİDAS	Blood
Serum	Anti Cytomegalovirus (CMV) IgM Test	CMV IgM.TÇT.VİDAS	Blood
Serum	Anti Cytomegalovirus (CMV) IgG Test	CMV IgG.TÇT.VİDAS	Blood
Serum	Anti Rubella IgM Test	RUB IgM.TÇT.VİDAS	Blood
Serum	Anti Rubella IgG Test	RUB IgG.TÇT.VİDAS	Blood



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Medical Field, Products or Substances Tested / Examined	Examination / Testing Types, Technical Field, Parameters / Analytic Methods	Testing Method (National, International Standards, In-House Methods (SOP) / Used technics, Equipments	Initial Sampling
		ANALYZER I Autoanalyzer, Inhouse Methods	
Serum, Plasma	Anti Herpes Simplex Tip 1 Virus (HSV-1) IgG Test	HSVTip1.IgG.TÇT.ELİSA	Blood
Serum, Plasma	Anti Herpes Simplex Tip 1 Virus (HSV-1) IgM Test	HSVTip1.IgM.TÇT.ELİSA	Blood
Serum, Plasma	Anti Herpes Simplex Tip 2 Virus (HSV-2) IgG Test	HSVTip2.IgG.TÇT.ELİSA	Blood
Serum, Plasma	Anti Herpes Simplex Tip 2 Virus (HSV-2) IgM Test	HSVTip2.IgM.TÇT.ELİSA	Blood
Autoimmune Screening and Diagnostic Tests		İndirect Immunofluorescent, Inhouse Methods	
Serum, Plasma	Anti-Nuclear Antibody (ANA) Test	ANA.TÇT.IFA	Blood
Molecular Microbiyology Tests		Real Time PCR Autoanalyzer, Inhouse Methods	
First Urine, Cervical and Uretral Swab	Chlamydia Trachomatis Test	CHLAMIDYA.TÇT.PCR	First Urine, Cervical and Uretral Swab
Swab and Biopsy Specimen	High Risk HPV Types Test	HPV.TÇT.COBAS 4800	Swab and Biopsy Specimen
Serum/ Plasma	Quantitative Real Time PCR ; (HIV Viral Load, CMV, HSV, Parvovirus)	MB.TÇT.RTPCR	Blood



