



Medical Laboratory
Accreditation
Certificate

Accreditation No. RML00130

**Keiyukai Medical Foundation
YOSHIDA hospital Medical Laboratory**

4-1-2, 4 Jo Nishi, Asahikawa-shi, Hokkaido, 070-0054 Japan

meets the following criteria. On the basis of this, Japan Accreditation Board (JAB) grants accreditation to the said medical laboratory.

Applicable accreditation criteria	: ISO 15189 : 2012
Scope of accreditation	: As described in the appendix.
Premises covered by accreditation	: As described in the appendix.
Expiry date of accreditation	: August 31, 2022

Revised	July 15, 2021
Renewed	August 23, 2018
Initial accreditation	August 30, 2006

Y. Iizuka, President

Japan Accreditation Board



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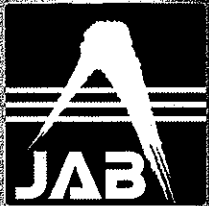
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Keiyukai Medical Foundation YOSHIDA hospital Medical Laboratory

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4-1-2, 4 Jo Nishi, Asahikawa-shi, Hokkaido, 070-0054 Japan
Excluding primary sample collection from the scope of accreditation

Scope of accreditation :

Item	Type of Samples	Test Method
Basic Series		
1 General (urine, feces, etc.)		
a Qualitative (urine / feces)		
Urinary Qualitative/semi-Quantitative Examination (general substances) (Gravity, pH, Protein, Glucose, Urobilinogen, Urobilin, Bilirubin, Ketones, Occult blood reaction (Urinary), Bacteria (Test paper))	Urine	UROPE-PA-3'EIKEN'9S
Protein quantitation	Urine	UTP-L
Glucose quantitation	Urine	GA08 II
Hemoglobin, feces	Feces	OC-HEMODHIA O-TO S EIKEN
Sedimentary test, urine	Urine	NYU-YURISUTEIN
2 Hematology		
a Blood count / blood cell morphology test		
Peripheral blood general test*(complete blood counts)* : RBC, WBC, Hgb, PLT, Hct	Blood	SELPACKDST,RAIZASELLWNR, FURUOCELLWNR, SUHORAIZA
Reticulocytes	Blood	SERUPAKUDFL,FURUOSELLRET
Hemogram (The microscope method)	Blood	MEIGURIYUNWARUDO · GIMUZA
Hemogram (The automatic analyser method)	Blood	RAIZASELWDF,FURUOSELLWDF
b Thrombus / hemostasis related test		
Prothrombin time(PT)	Plasma	DEIDOINOBIN
Activated partial thromboplastin time(APTT)	Plasma	TORONBOCHEKKU APTT-SLA
Fibrinogen (Quantitative)	Plasma	TORONBOCHEKKU Fib(L)
3 Biochemistry I		
a Biochemistry		
Total bilirubin	Serum	IATOROQ T-BIL II
Bilirubin, indirect and direct	Serum	IATOROQ D-BIL
Total protein	Serum	SIKARIKID TP
Albumin	Serum	AKYURASUO-TO ALB,PYUAO-TO S ALB
Urea nitrogen(BUN)	Serum	UN-L AU-RIEJIENTO-UN
Creatinine	Serum	CRE-N AU-RIEJIENTO-CRE
Uric acid	Serum	UA-CLAU-RIEJIENTO-CL
Na and Cl	Serum	DENKYOKUHO
K	Serum	DENKYOKUHO
Ca	Serum	Ca-AL
Inorganic phosphate and phosphoric acid	Serum	Pi-AS
Mg	Serum	Mg-L
Total cholesterol	Serum	KORESUTESUTO CHO



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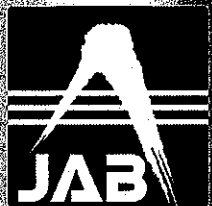
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Scope of accreditation :

Item	Type of Samples	Test Method
Triglyceride	Serum	KORESUTESUTO TG
HDL-cholesterol	Serum	KORESUTESUTO N HDL
LDL-cholesterol	Serum	KORESUTESUTO N LDL
Glucose	Plasma	Quick Auto Neo Glu-HK, AU-RIEJIENTO-Glu
Hemoglobin A1c (HbA1c)	Plasma	High performance liquid chromatography
Fe	Serum	Quick Auto Neo Fe, AU-RIEJIENTO-Fe
Ammonia	Plasma	ANMONIA - L
Alkaline phosphatase	Serum	Quick Auto Neo ALP-JS II
Cholinesterase	Serum	Quick Auto Neo Ch - E
γ -glutamyltranspeptidase (γ -GT)	Serum	Quick Auto Neo γ -GT, AU-RIEJIENTO-GT2
Lactate dehydrogenase (LD)	Serum	Quick Auto Neo LD, AU-RIEJIENTOLDH
Amylase	Serum	AKIURASOTO-AMY, AU-RIEJIENTO-AMY
Creatine kinase (CK)	Serum	SHIGUNASOTO-CK
Asparate aminotransferase (AST)	Serum	Quick Auto NeoAST
Alanine aminotransferase (ALT)	Serum	Quick Auto NeoALT
Blood gas analysis	Blood	DENKYOKU HOU
5 Immunology		
a Immunochemistry I		
C-reactive protein (CRP)	Serum	CRP--RATEKKUSU X2 「SEIKEN」
Immunoglobulin (RF)	Serum	LZ TESUTO 'EIKEN'RF
b Immunohematology		
Blood group (ABO type)	Blood	Test tube method
Blood group (Rho (D) factor)	Blood	Test tube method
c Infectious disease I		
HBs antigen	Serum	Alinity · HBSAG Abott
HBs antibody	Serum	Alinity · O-SABU Abott
HCV antibody (Quantitative, Qualitative)	Serum	Alinity · HCV Abott
HIV-1,2 antigen and antibody simultaneous measurement	Serum	ESUPURAIN HIV Ag/Ab
Serologic test for syphilis (STS) (Qualitative)	Serum	RPR TESUTO 'SANKOU'
Serologic test for syphilis (Qualitative)	Serum	Alinity · TPAb Abott
Non-Basic Series		
11 General (urine, feces, etc.)		
a General urinalysis		
Albumin (Quantitative) (Urinary)	Urine	TIA-ALBG
12 Hematology		
a General hematology, hemogram		
Erythrocyte sedimentation rate	Blood	YOSIMATU



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Scope of accreditation :

Item	Type of Samples	Test Method
13 Biochemistry I		
a Biochemistry I		
Ferritin Quantitative	Serum	LZ TESTO EIKEN FER
b Biochemistry II		
Leucine Aminopeptidase (LAP)	Serum	Quick Auto Neo LAP
d Immunochimistry		
Cardiac troponin T (TnT) (Qualitative, Quantitative)	Blood	TOROPPU T SENSITHIBU
Human heart fatty acid binding protein (H-FABP) (Qualitative)	Blood	RAPICHEKKU H-FABP
14 Biochemistry II		
a Endocrinology I		
Human chorionic gonadotropin (HCG) (Qualitative)	Urine	GONASUTIC-W
Thyroid-stimulating hormone (TSH)	Serum	Alinity · TSH Abott
Free triiodothyronine (FT3)	Serum	Alinity · HURI- T3 Abott
Free thyroxine (FT4)	Serum	Alinity · HURI- T4 Abott
Insulin (IRI)	Serum	Alinity · INNSURIN Abott
Parathyroid hormones (PTH)	Serum	Alinity · PTH Abott
Brain natriuretic peptide (BNP)	Blood	Alinity · BNP-JP Abott
b Tumor marker		
α-fetoprotein (AFP)	Serum	Alinity · AFP Abott
Carcinoembryonic antigen (CEA)	Serum	Alinity · CEA Abott
CA19-9	Serum	Alinity · CA19-9XR Abott
Prostate-specific antigen (PSA)	Serum	Alinity · PSA Abott
PIVKA-II (Quantitative)	Serum	Alinity · PIVKA II Abott
15 Immunology		
c Immunology for infectious disease III		
Clostridium difficile toxin A (Qualitative)	Feces	C.DIFF QUIK CHEK KONPURITO
(1→3)-β-D-Glucan	Plasma	βGURUKANTESUTOWAKO-,βGURUKAN KENTAIMAESHORIBKI
Streptococcus pneumoniae capsular antigen (fluid, urinary)	Urine	IMUNO CHIYATUCHI STREPTOCOCCUS PNEUMONIAE
Legionella pneumophila antigen (Urinary)	Urine	IMUNOKICHITUCHI REZIONERA
d Hepatitis and relates		
HBe antigen	Serum	Alinity · HBE AG Abott
HBe antibody	Serum	Alinity · HBE AB Abott
HBs antigen (Qualitative, Semi-quantitative)	Serum	ESUPURAIN HBsAg
HBs antibody (Qualitative)	Serum	Alinity · O-SABU Abott
e Autoantibody		
Matrix metalloproteinase-3 (MMP-3)	Serum	LZTEST EIKEN MMP-3
18 Others excluding 11 to 16 class		
a Therapeutic drug monitoring		
Digoxin	Serum	NANOPIA TDM GIGOKISIN
Theophylline	Serum	NANOPIA TDM TEOFIRIN

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