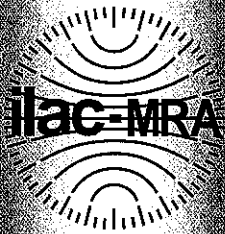


Medical Laboratory  
Accreditation  
Certificate

Accreditation No. RML00250



JAB



**Okayama University  
Department of Clinical Laboratory,  
Okayama University Hospital**

**2-5-1, Sikata-cho, Kita-ku, Okayama-shi, Okayama,  
700-8558 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	: July 31, 2023

Revised (8)	January 21, 2021
Renewed (3)	May 23, 2019
Initial accreditation	July 6, 2007

Y. Iizuka, President

**Japan Accreditation Board**

# Accreditation Certificate Appendix

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Accreditation No. RML00250



JAB



## **Okayama University Department of Clinical Laboratory, Okayama University Hospital**

Okayama University  
Department of Clinical Laboratory,  
Okayama University Hospital  
2-5-1, Sikata-cho, Kita-ku, Okayama-shi, Okayama, 700-8558 Japan  
Including primary sample collection in the scope of accreditation

### Scope of accreditation :

Item	Type of Samples	Test Method
<b>Basic Series</b>		
<b>1 General (urine, feces, etc.)</b>		
<b>a Qualitative (urine / feces)</b>		
Urinary Qualitative / semi-Quantitative Examination (general substances) (Gravity, pH, Protein, Glucose, Urobilinogen, Urobilin, Bilirubin, Ketones, Occult blood reaction (Urinary), Bacteria (Test paper), Sodium chloride, Leukocyte (Test paper), Albumin)	Urine	urope-pa-αIII eiken 9L
Protein quantitation	Urine	MicroTP-AR
Glucose quantitation	Urine	Electrode
Hemoglobin, feces	Feces	OC-hemodyiao-toIII eiken
Sedimentary test, urine	Urine	rabosuteinnS
<b>2 Hematology</b>		
<b>a Blood count / blood cell morphology test</b>		
Peripheral blood general test*(complete blood counts)* : RBC, WBC, Hgb, PLT, Hct	Blood	ADVIA CBC TIMEPAC CN-free
Reticulocytes	Blood	auto RETIC fluorocellRET
Hemogram (The microscope method)	Blood	MayGiemsa Stain
Hemogram (The automatic analyser method)	Blood	ADVIA DIFF TIMEPAC
<b>b Thrombus / hemostasis related test</b>		
Prothrombin time(PT)	Plasma	Dade Innovin
Activated partial thromboplastin time(APTT)	Plasma	Thrombocheck APTT-SLA
Fibrinogen (Quantitative)	Plasma	Thrombocheck Fib(L)
Fibrinogen degradation products(FDP)	Plasma	LIASAUTO P-FDP
<b>3 Biochemistry I</b>		
<b>a Biochemistry</b>		
Total bilirubin	Serum	NESCAUTO® VL T-BIL
Bilirubin, indirect and direct	Serum	NESCAUTO® VL D-BIL
Total protein	Serum	Aqua-auto KAINOS TP- II
Albumin	Serum	Aqua-auto KAINOS ALB
Proteins fractionation	Serum Urine	QuickGel SP
Urea nitrogen(BUN)	Serum	Quick Auto Neo UN
Creatinine	Serum	Auto L "MIZUHO" CRE(N)
Uric acid	Serum	Quick Auto Neo UA II
Na and Cl	Serum	Ion Selective Electrode
K	Serum	Ion Selective Electrode

# Accreditation Certificate Appendix

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## Okayama University Department of Clinical Laboratory, Okayama University Hospital

### Scope of accreditation :

Item	Type of Samples		Test Method
	Serum	Urine	
Ca	Serum	Urine	"serotec" Ca-AL
Inorganic phosphate and phosphoric acid	Serum	Urine	Deteminer-L IP-II
Mg	Serum	Urine	N-Assay L Mg-H
Total cholesterol	Serum		Deteminer-L TC II
Triglyceride	Serum		Deteminer-L TG II
HDL-cholesterol	Serum		MetaboLead HDL-C
LDL-cholesterol	Serum		MetaboLead LDL-C
Glycated albumin	Serum		Lucica® GA-L
Glucose	Plasma	Urine	Electrode
Hemoglobin A1c (HbA1c)	Blood		HPLC
Fe	Serum		Quick Auto Neo Fe
Total iron binding capacity (TIBC)	Serum		Quick Auto Neo UIBC
Unsaturated iron binding capacity (UIBC)	Serum		Quick Auto Neo UIBC
Ammonia	Plasma		"serotec" Ammonia-L
Alkaline phosphatase	Serum		PureautoS ALP-IFCC
Cholinesterase	Serum		"serotec" ChE-EL
γ-glutamyltranspeptidase (γ-GT)	Serum		Quick Auto Neo γ-GT JS
Lactate dehydrogenase (LD)	Serum		PureautoS LD-IFCC
Amylase	Serum	Urine	"serotec" AMY-EL
Creatine kinase (CK)	Serum		Cygnus Auto CK
Asparate aminotransferase (AST)	Serum		Quick Auto Neo AST JS
Alanine aminotransferase (ALT)	Serum		Quick Auto Neo ALT JS
Blood gas analysis	Blood		Electrode
<b>5 Immunology</b>			
<b>a Immunochemistry I</b>			
C-reactive protein (CRP)	Serum		Nanopia® CRP
Immunoglobulin (IgG, IgA, IgM, IgD)	Serum		N-Assay TIA IgG-SH Nittobo N-Assay TIA IgA-SH Nittobo N-Assay TIA IgM-SH Nittobo
C3	Serum		N-Assay TIA C3-SH Nittobo
C4	Serum		N-Assay TIA C4-SH Nittobo
Immunoglobulin (RF)	Serum		N-Assay LA RF-K Nittobo
<b>b Immunohematology</b>			
Blood group (ABO type)	Blood		Column Agglutination Technology:Ortho BioVue®System(ABO-Rh/Reverse Grouping Cassette)
Blood group (Rho (D) factor)	Blood		Column Agglutination Technology:Ortho BioVue®System(ABO-Rh/Reverse Grouping Cassette)
Indirect Coombs, direct Coombs	Blood		Column Agglutination Technology:Ortho BioVue®System(DAT/IDAT Cassette),Ortho BioVue®System(IgG Cassette)
<b>c Infectious disease I</b>			
HBs antigen	Serum		LUMIPULSE Presto®HBsAg-HQ
HBs antibody	Serum		LUMIPULSE Presto®HBsAb-N
HCV antibody (Quantitative,Qualitative )	Serum		LUMIPULSE Presto®Ortho®HCV
HIV-1,2 antigen and antibody simultaneous measurement	Serum		LUMIPULSE Presto®HIV Ag/Ab

# Accreditation Certificate Appendix

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## Okayama University Department of Clinical Laboratory, Okayama University Hospital

### Scope of accreditation :

Item	Type of Samples		Test Method
HTLV-I antibody (Qualitative)	Serum		LUMIPULSE Presto®HTLV- I /II
Serologic test for syphilis (STS) (Qualitative)	Serum		MEDIAACE RPR
Serologic test for syphilis (Qualitative)	Serum		LUMIPULSE Presto®TP
<b>6 Microbiology</b>			
<b>a Microscopic examination for stained film (general bacteria)</b>			
Other	Secretions	Others	Gram stain
Use a fluorescent microscope	Sputum		Acid-fast fluorescent stain
<b>b Bacterial culture and identification / Antimicrobial sensitivity test (general bacteria)</b>			
Bacterial culture and identification	Others		Blood agar, Drigalski agar, API, MALDI Biotyper, VITEK2
Anaerobic culture	Others		ABHK agar, Aneropack kenki
Antimicrobial sensitivity test (general bacteria)	Others		Dry Plate 'EIKEN'
Mycobacterial culture and Isolation (liquid medium)	Sputum	Others	BACTEC MGIT 320
Mycobacterial culture and Isolation (other)	Sputum	Others	Ogawa medium
Mycobacterial identification	Sputum	Others	MALDI Biotyper
<b>Non-Basic Series</b>			
<b>11 General (urine, feces, etc.)</b>			
<b>a General urinalysis</b>			
Albumin (Quantitative) (Urinary)	Urine		ALB-TIA NX "SEIKEN"
N-acetyl glucosaminidase (NAG) (Urinary)	Urine		N-Assay L NAG Nittobo
Urinary sediment by flow cytometry (Urinary)	Urine		UfII searchBAC, UfII searchSED
Neutrophil gelatinase-associated lipocalin (NGAL) (Urinary)	Urine		ARCHITECT®·U-NGAL·ABBOTT
<b>c Basic analysis for punctatum, sperm, sputum and others</b>			
Test of cerebrospinal fluid (protein quantification, glucose quantification, cell numbers, specific gravity, globulin reaction, cell classify)	Punctured fluid		protein quantification: MicroTP-AR glucose quantification: Electrode Cell count: Samson's Solution
Test of semen	Others		microscopy
<b>12 Hematology</b>			
<b>a General hematology, hemogram</b>			
Erythrocyte sedimentation rate	Blood		Rate Method
Hemogram (special stain)	Blood		esutera-ze, peruokisida-ze
Myelogram	Punctured fluid		MayGiemsa Stain
Myelogram (special stain)	Punctured fluid		esutera-ze, peruokisida-ze, tetu
Malignant tumor cell	Blood	Punctured fluid	CD4-FITC IOTest
<b>b Thrombus / hemostasis related test I</b>			
Antithrombin (activity)	Plasma		Revohem AT
Coagulation factor inhibitor Qualitative (cross mixing test)	Plasma		Thrombocheck APTT-SLA
Coagulation factor (II, V, VII, VIII, IX, X, XI, XII, XIII)	Plasma		FACTOR VIII DEFICIENT FACTOR IX DEFICIENT
Fibrin monomer	Plasma		Auto LIA FM

# Accreditation Certificate Appendix

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## Okayama University Department of Clinical Laboratory, Okayama University Hospital

### Scope of accreditation :

Item	Type of Samples	Test Method
D dimer	Plasma	LIASAUTO-D-Dimer NEO
c Thrombus / hemostasis related test II		
Platelet aggregation	Plasma	ADP (ADENOSINE 5'-DIPHOSPHATE SODIUM SALT)
13 Biochemistry I		
a Biochemistry I		
Zn	Serum	Accuras Auto Zn
Monocarboxylate	Serum	Punctured fluid Deteminer- LA Deteminer-® PA
Bile acids	Serum	Aqua-auto kainos TBA
Cu	Serum	Quick Auto Neo Cu
Ferritin Quantitative	Serum	ECLusys®reagent Ferritin
Procalcitonin (PCT) (Quantitative)	Serum	ECLusys®reagent BRAHMS PCT
b Biochemistry II		
Leucine Aminopeptidase (LAP)	Serum	L Type WAKO LAP
Lipase	Serum	Cygnus Auto LIP
KL-6	Serum	LUMPULSE Presto®KL-6
Cystatine C	Serum	NESCAUTO® GS Cystatine C (Nm)
c Isozyme		
Amylase Isozyme	Serum	"serotec" AMISO-EL
CK-MB	Serum	Cygnus Auto CK-MB Mto®
d Immunochemistry		
Cardiac troponin T (TnT) (Qualitative, Quantitative)	Serum	ECLusys®reagent troponin T hs
Myoglobin (Quantitative)	Serum	Mb-LATEX CN "SEIKEN"
e Vitamin		
Vitamin B12	Serum	ECLusys®reagent Vitamin B12 II
Folic acid	Serum	ECLusys®reagent Folic acidIV
14 Biochemistry II		
a Endocrinology I		
Human chorionic gonadotropin (HCG) (Qualitative)	Urine	gonasutyikkuW
Human chorionic gonadotropin (HCG) (Quantitative)	Serum	Urine ECLusys®reagent HCG II STAT
Human chorionic gonadotropin, β-subunit (HCG-β)	Serum	ECLusys®reagent HCG+β II
Thyroid-stimulating hormone (TSH)	Serum	ECLusys®reagent TSH
Free triiodothyronine (FT3)	Serum	ECLusys®reagent FT3 III
Free thyroxine (FT4)	Serum	ECLusys®reagent FT4 III
C-peptide (CPR)	Serum	Urine CL AIA-PACK®C-Peptide TEST CUP
Insulin (IRI)	Serum	CL AIA-PACK®IRI TEST CUP
Growth hormone (GH)	Serum	ECLusys®reagent hGH
Follicle-stimulating hormone (FSH)	Serum	CL AIA-PACK®FSH TEST CUP
Luteinizing hormone (LH)	Serum	CL AIA-PACK®LH TEST CUP
Prolactin (PRL)	Serum	CL AIA-PACK®Prolactin TEST CUP
Parathyroid hormones (PTH)	Plasma	LUMPULSE Presto®Whole PTH I SBBIO I

# Accreditation Certificate Appendix

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## Okayama University Department of Clinical Laboratory, Okayama University Hospital

### Scope of accreditation :

Item	Type of Samples	Test Method
Brain natriuretic peptide (BNP)	Plasma	LUMIPULSE Presto@BNP
Estradiol (E2)	Serum	ECLusys@reagent E2-IV
Cortisol	Serum	ECLusys@reagent Cortisol II
Testosterone	Serum	CL AIA-PACK@Testosterone TEST CUP
N-terminal pro brain natriuretic peptide (NT-proBNP)	Serum	ECLusys@reagent NT-proBNP II
Somatomedin <sup>12</sup> C	Serum	ECLusys@reagent IGF-1
Thyroglobulin	Serum	ECLusys@reagent Tg II
Adrenocorticotrophic hormone (ACTH)	Plasma	ECLusys@reagent ACTH
<b>b Tumor marker</b>		
α-fetoprotein (AFP)	Serum	ECLusys@reagent AFP II
Carcinoembryonic antigen (CEA)	Serum	ECLusys@reagent CEA II
CA19-9	Serum	ECLusys@reagent CA19-9 II
CA125	Serum	ECLusys@reagent CA125 II
Prostate-specific antigen (PSA)	Serum	ECLusys@reagent PSA II
Squamous cell cancer related antigen (SCC)	Serum	ARCHITECT@SCC-ABBOTT
CA15-3	Serum	ECLusys@reagent CA15-3 II
CA72-4	Serum	ECLusys@reagent CA72-4
Neuron specific enolase (NSE)	Serum	ECLusys@reagent NSE
Cytokeratin 19 fragment	Serum	ECLusys@reagent CYFRA
Progastorin releasing peptide(ProGRP)	Plasma	LUMIPULSE Presto@ProGRP
PIVKA-II (Quantitative)	Serum	LUMIPULSE Presto@PIVKA-II N
Elastase 1	Serum	Iatro IRE1 II
α-fetoprotein lectin-affinity fraction (AFPL3%)	Serum	μTASwako AFP-L3
Inteleukin 2 receptor, soluble (sIL-2R)	Serum	LUMIPULSE Presto@IL-2R
<b>c Special analysis</b>		
Urea breath test (UBT)	Others	infrared spectrophotometry
<b>15 Immunology</b>		
<b>b Immunology for infectious disease II</b>		
Mycoplasma antigen (Qualitative) (Immunochromatography method)	Others	Quick Chaser Auto Myco
<b>c Immunology for infectious disease III</b>		
E. coli O157 antigen (Qualitative)	Feces	Capilia O157
RS virus antigen (Qualitative)	Others	ALSONIC RSV, Quick Chaser RSV/hMPV
Varicella virus antigen (in the epithelial cell)	Others	DermaQuick VZV
Clostridium difficile toxin A (Qualitative)	Feces	C.DIFF QUIK CHEK Complete
Adenovirus antigen (Qualitative) (Feces)	Feces	Quick Chaser Rota/Adeno
Rotavirus antigen (Qualitative) (Feces)	Feces	Quick Chaser Rota/Adeno
(1→3)-β-D-Glucan	Plasma	Fungitec GtestES(NISSUI)
Serologic test for syphilis (STS) (Quantitative)	Serum	MEDIACE RPR
Group A-β Streptococcal-rapid Detection (Qualitative)	Others	Rapid Testa Strep A
Influenza virus antigen (Qualitative)	Others	Quick Chaser Flu A,B
SARS-CoV-2 antigen	Others	ESPLINE SARS-CoV-2
Streptococcus pneumoniae capsular antigen (fluid, urinary)	Urine	Binax NOW Streptococcus pneumoniae
Norovirus antigen (Qualitative)	Feces	Quick Chaser Noro

# Accreditation Certificate Appendix

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## Okayama University Department of Clinical Laboratory, Okayama University Hospital

### Scope of accreditation :

Item	Type of Samples	Test Method
human metapneumovirus (hMPV) antigen (Qualitative)	Others	Check hMPV, Quick Chaser RSV/hMPV
adenovirus antibody (Qualitative) (remove feces)	Others	ALSONIC Adeno
Virus antibody in immunoglobulin class (Herpesvirus, Rubella virus, Cytomegalovirus, EB virus, Measles virus, Mumps virus, Human parvovirus B19, Varicella / Herpes virus)	Serum	VIDAS RUB IgG II, VIDAS RUB IgM, VIDAS CMV IgG, VIDAS CMV IgM, VIDAS Measles IgG, VIDAS Mumps IgG
HTLV-I antibody	Serum	LUMIPULSE Presto@HTLV-I / II
Legionella pneumophila antigen (Urinary)	Urine	Binax NOW Legionella
<b>d Hepatitis and relates</b>		
HBe antigen	Serum	LUMIPULSE Presto@HBeAg
HBe antibody	Serum	LUMIPULSE Presto@HBeAb
HCV core protein	Serum	ARCHITECT@HCVAg·ABBOTT
HCV specific antibody	Serum	LUMIPULSE Presto@Ortho@HCV
HBs antibody (Quantitative)	Serum	LUMIPULSE Presto@HBsAb-N
Hbc antibody (Semi-quantitative, Quantitative)	Serum	LUMIPULSE Presto@HBcAb-III
<b>e Autoantibody</b>		
Anti RNP antibody (Quantitative)	Serum	EliA U1RNP
Anti Sm antibody (Quantitative)	Serum	EliA SmDp
Anti Jo-1 antibody (Quantitative)	Serum	EliA Jo-1
Anti centromere antibody (Quantitative)	Serum	EliA CENP-B
Anti mitochondrial antibody (Quantitative)	Serum	EliA M2
Anti cardiolipin β2 glycoprotein I (Anti CLβ2GPI) Complex antibody	Serum	EliA Cardiolipin IgG
Matrix metalloproteinase-3 (MMP-3)	Serum	Panaclear@ MMP-3 "Latex"
Serine proteinase 3-anti-neutrophil cytoplasmic antibody (PR3-ANCA)	Serum	EliA PR3s-ANCA
Anti neutrophil cytoplasmic myeloperoxidase antibody (MPO-ANCA)	Serum	EliA MPOs-ANCA
Antiglomerular basement membrane antibody	Serum	EliA GBM
Anti Thyroglobulin antibody	Serum	CL AIA-PACK@TgAb TEST CUP
Anti Thyroid peroxidase antibody	Serum	CL AIA-PACK@TPOAb TEST CUP
Anti TSH receptor antibody (TRAb)	Serum	ECLusys@eagent TRAb
Anti-nuclear antibody (immunofluorescence is excluded)	Serum	EliA CTD Screen
Anti SS-A/Ro antibody (Quantitative)	Serum	EliA SS-A/Ro
Anti SS-B/La antibody (Quantitative)	Serum	EliA SS-B/La
Anti Scl-70 antibody (Quantitative)	Serum	EliA Scl-70s
Anti DNA antibody (Quantitative)	Serum	EliA dsDNA
Anti citrullinated peptide antibody (Quantitative)	Serum	ARCHITECT@Anti-CCP·ABBOTT
Anti IgG4	Serum	IgG subclass BS-TIA3 IgG4
<b>f Immunology for plasma protein</b>		
CH50	Serum	Hotaika-HA Test WAKO
Bence Jones protein, quantitative (Urinary)	Urine	QuickGel IFE agarose set(Jr)
β2-microglobulin	Serum	Urine LZ Test 'EIKEN' β2-M
Immunoelectrophoresis (Singular antiserum)	Serum	QuickGel IFE agarose set(Jr)

# Accreditation Certificate Appendix

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JAB



## Okayama University Department of Clinical Laboratory, Okayama University Hospital

### Scope of accreditation :

Item	Type of Samples		Test Method
Non-specific immunoglobulin IgE (Quantitative)	Serum		ImmunoCAP Total IgE
Specific immunoglobulin IgE (Semi-Quantitative Qualitative)/(Quantitative)	Serum		ImmunoCAP Specific IgE
Haptoglobin (Typing)	Serum		N-Assay TIA Hp nitobo
Transferrin (Prealbumin)	Serum		N-Assay TIA Prealbumin Nitobo
g Cellular functional test (cellular immunity related test)			
T and B lymphocyte subpopulation	Blood		tetra CHROME CD45/CD56/CD19/CD3
Red blood cell surface antigen	Blood		PE Mouse Anti-Human CD59
16 Microbiology			
b Bacterial culture and identification / Antimicrobial sensitivity test (general bacteria)			
Examination for drug sensitivity test, yeastlike fungi	Others		Dry Plate 'EIKEN'
Drug susceptibility test for mycobacteria	Others		BrothMIC NTM
17 Gene-related / Chromosome test			
a Somatic gene test			
Gene diagnosis of hematopoietic organ tumor	Blood	Punctured fluid	i-densy Pack UNIVERSAL, AmpliTaq Gold® DNA Polymerase
b Identification of pathogen nucleic acid			
Detection of Clostridioides difficile toxin B gene	Feces		BD MAX CDIFF
Mycobacteria DNA	Sputum		Cobas TaqMan NTM
Mycobacterium avium / intracellulare DNA	Sputum		Cobas TaqMan MAI
Quantification of HBV nucleic acid (Quantitative)	Plasma		cobas HBV
Mycoplasma DNA	Others		Smart Gene Myco
HCV DNA (Quantitative)	Serum		cobas HCV
Detection of SARS-CoV-2 gene	Others		BD MAX ExK TNA-3 (Swabs) cobas SARS-CoV-2
d Germline gene test			
UDP uridine diphosphate glucuronosyltransferase	Blood		i-densy Pack UGT1A1(*28/*6), QIAamp DNA Mini Kit (50)
18 Others excluding 11 to 16 class			
a Therapeutic drug monitoring			
Valproic acid, Carbamazepine	Serum		ARCHITECT®·Valproic acid ST ARCHITECT®·Carbamazepine ST
Phenytoin, Primidone, Ethosuximide, Phenobarbital, Zonisamide, Nitrazepam, Clonazepam, Others	Serum		ARCHITECT®·Phenytoin ST ARCHITECT®·Phenobarbital ST Liblia Zonisamide
Vancomycin, Teicoplanin, Gentamicin, Tobramycin, Amikacin, Arbekacin, Voriconazole	Serum		ARCHITECT®·Vancomycin ST Nanopia® TDM Teicoplanin
Cyclosporin, Tacrolimus hydrate, Everolimus, Mycophenolate mofetil	Serum		Flex reagent cartridge CSA Flex reagent cartridge TAC
Methotrexate	Serum		ARCHITECT®·Methotrexate



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**JAB**



**Okayama University  
Department of Clinical Laboratory,  
Okayama University Hospital**

**Scope of accreditation :**

Item	Type of Samples	Test Method
<b>Pathology</b>		
<b>31 Preparation</b>		
<b>a Preparation for histodiagnosis</b>		
Organize slices	Tissues	Hematoxylin and eosin stain
CELL BLOCK	Punctured fluid	Hematoxylin and eosin stain
<b>c Preparation for immunological stain (histodiagnosis)</b>		
Estrogen receptor	Tissues	VENTANA CONFIRM anti-Estrogen Receptor(ER)(SP1)Rabbit Monoclonal Primary Antibody VENTANA ultra View Universal Kit, Bench Mark ULTRA
Progesterone receptor	Tissues	VENTANA CONFIRM anti-progesterone Receptor(PR)(1E2)Rabbit Monoclonal Primary Antibody VENTANA ultra View Universal Kit, Bench Mark ULTRA
Human epidermal growth factor receptor-2	Tissues	VENTANA PATHWAY anti-HER-2 Ineu(4B5) Rabbit Monoclonal Primary Antibody VENTANA ultra View Universal Kit, Bench Mark ULTRA
Anaplastic lymphoid kinase fusion protein	Tissues	VENTANA ALK(D5F3) Rabbit Monoclonal Antibody, VENTANA OptiView DAB Universal kit, Bench Mark ULTRA
PD-L1	Tissues	VENTANA PD-L1(SP142) Rabbit Monoclonal Antibody, VENTANA OptiView DAB Universal kit, Bench Mark ULTRA
Others	Tissues	VENTANA ultra View Universal Kit, Bench Mark ULTRA
<b>d Preparation for rapid pathologic daiagnosis</b>		
Preparation for operative rapid pathologic daiagnosis	Tissues	Hematoxylin and eosin stain
Preparation for operative rapid cytodiagnosis	Punctured fluid	Papanicolau stain, Hemacolor stain
<b>e Cytodiagnosis</b>		
Gynecology	Others	Papanicolau stain
Fine needle aspiration cytology,Body cavity washing	Punctured fluid	Papanicolau stain, Giemsa stain, Periodic acid Shiff reaction
<b>32 Pathological diagnosis</b>		
<b>a Pathological diagnosis</b>		
Histology	Tissues	Diagnosis ly the Pathologist
Cytology	Tissues	Papanicolau stain, Giemsa stain, Periodic acid Shiff reaction
<b>Physiology</b>		
<b>101 Physiology</b>		
<b>a Respiratory function test (Spirography)</b>		
Slow vital capacity		CHESTAC-9800 CHESTAC-8900
Forced vital capacity		CHESTAC-9800 CHESTAC-8900
Functional Residual Capacity		CHESTAC-9800
Closing volume		CHESTAC-9800

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**Okayama University**  
**Department of Clinical Laboratory,**  
**Okayama University Hospital**

Scope of accreditation :

Item	Type of Samples	Test Method
DLCO (diffusing capacity of CO)		CHESTAC-9800
<b>b Electrocardiogram</b>		
At least 12 leads including limb monopole lead and the chest leads		CardiofaxV ECG-1550 CardiofaxV ECG-2550
Stress Electrocardiogram		CardiofaxV ECG-1550 CardiofaxV ECG-2550
Holter Electrocardiogram		SCM-8000 SCM-6000
<b>c Ultrasonography</b>		
Cardiac ultrasonography		ARTIDA SSH-880CV iE33 Vivid E9 Vivid S6
Abdominal ultrasonography		APLIO XG SSA-790A prosound F75
Body surface ultrasonography		APLIO XG SSA-790A prosound F75
Vascular ultrasonography		ARTIDA SSH-880CV APLIO XG SSA-790A iE33 Vivid E9 Vivid S6 prosound F75
<b>d Electroencephalography</b>		
Electroencephalography (PS, HV)		Neurofax EEG-1218Neurofax EEG-1214
Electromyography (SEP, VEP, ERA, ABR audiometry, others)		Neuropack MEB-2306

**Japan Accreditation Board**