

PIONEERING
A BETTER
HEALTHCARE FOR
HUMANKIND

Test catalogue



We provide the best clinical lab tests
for your best medical services



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INTRODUCTION

Korea's 1st

lab participating in the CAP (College of American Pathologists) external quality assessment program in Korea. We aim to become a global standard laboratory for the best quality of tests with international accreditations.

35 Medical Doctors

Medical Doctors specialized in laboratory medicine and pathology contribute to provide accurate and qualified results.

Approx. 4,000 Tests

test we are performing ranging from routine tests to highly esoteric molecular and genetic assays.

Since 1982

More than 35 years of history.



35 million

Number of analysis per annum are being performed in GC Labs.

635 Proficiency Tests performed

In the CAP (College of American Pathologists) external quality assessment program('18).



CONTACT US

For all inquiries about our laboratory or tests, please contact our staff.

From Monday to Friday
9:00 AM to 6:00 PM (GMT+9)

Business Development Team



Minwoo, Park
Business Development
Manager

E-mail: parkmw@gclabs.co.kr
Phone: +82 31-260-0607
Fax: +82 31-260-9232



Jihyun, Byun
Business Development
Staff

E-mail: jihyun@gclabs.co.kr
Phone: +82 31-280-9908
Fax: +82 31-260-9232



Saeyoon, Kwon
Business Development
Staff

E-mail: saeyoon.kwon@gclabs.co.kr
Phone: +82 31-280-9911
Fax: +82 31-260-9232

Location

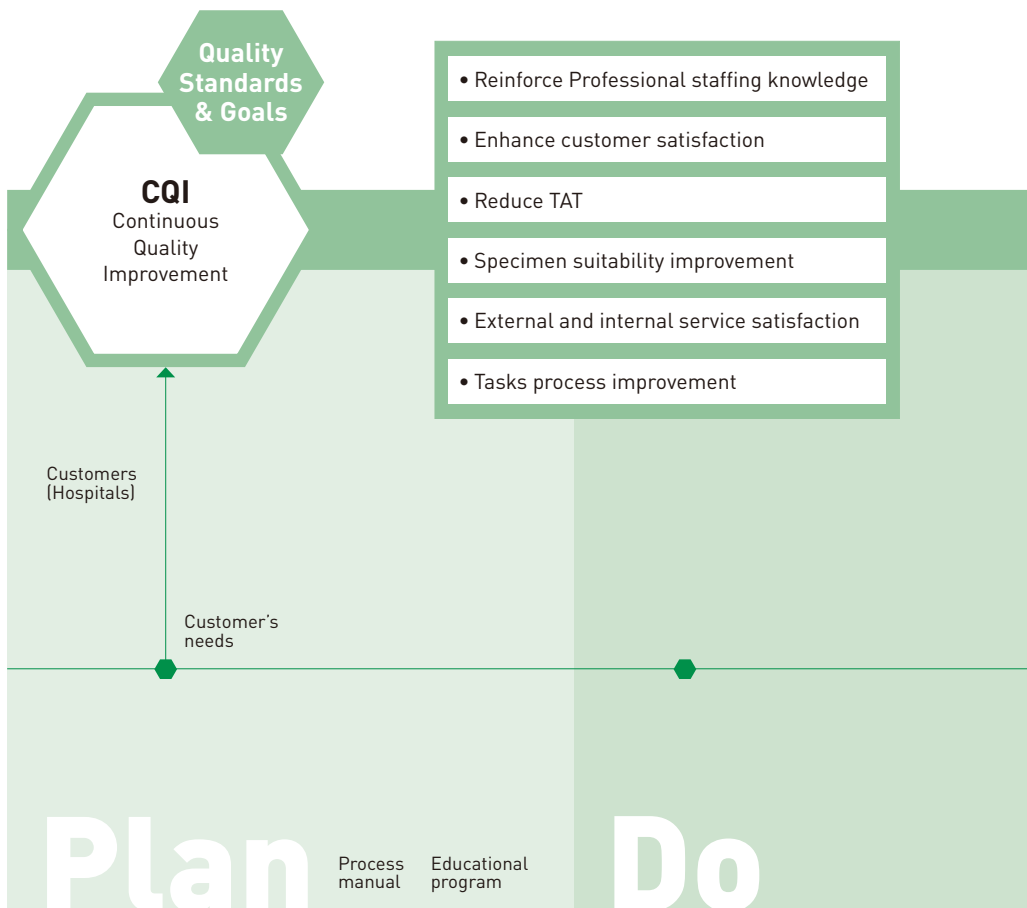
Green Cross Laboratories

107, Ihyeon-ro 30beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea 16924
Website: www.gclabs.co.kr/eng/

This catalogue may not list all available test of GC Labs. Tests are continuously developed therefore, some tests are not listed in this catalogue.
Please check on our website: www.gclabs.co.kr/eng/ or contact us if you don't find specific test.

CLIENT SATISFACTION PROCESS

CLIENT SATISFACTION PROCESS

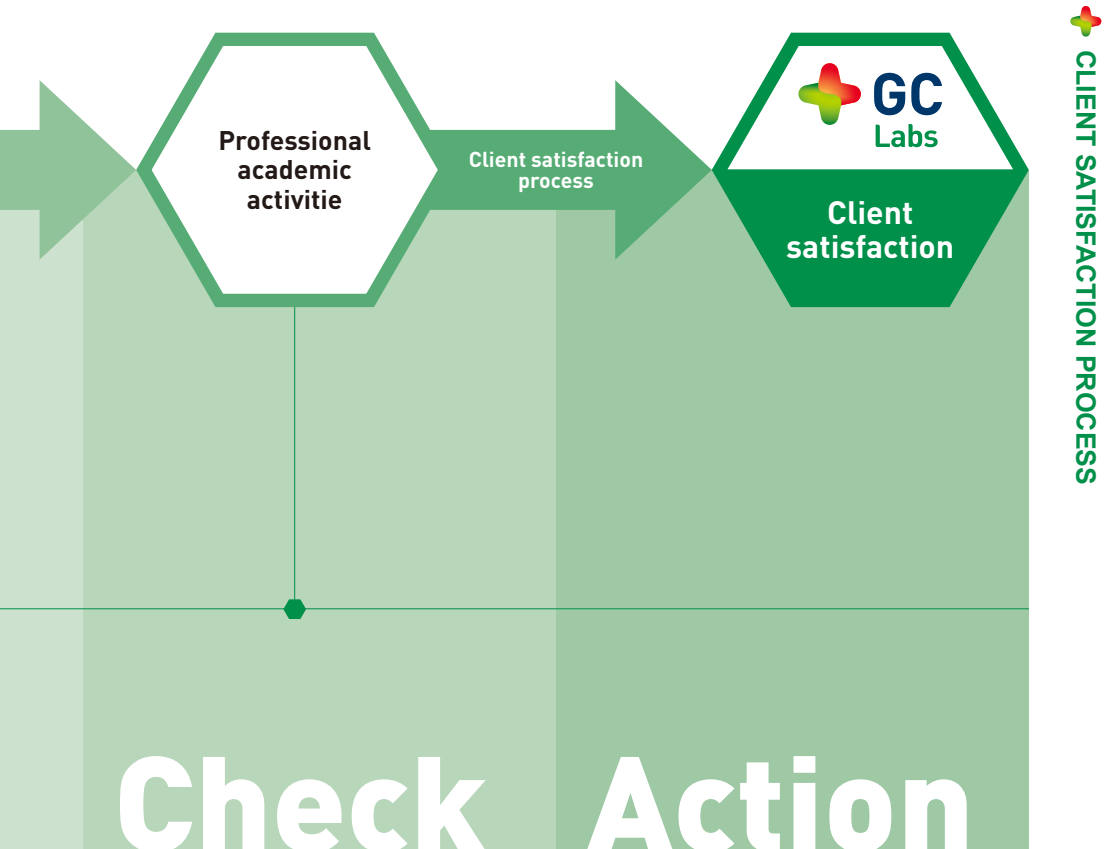


01. Client Relations

To offer an accurate response to our clients' testrelated inquiries, we also provide test information booklets and brochures.

02. Quality Assurance

GC Labs strives to make continuous quality improvements through PDCA (plan, do, check, and action) activities based on ISO 9001 Quality Management System and CAP Quality Assurance System.



ACCREDITATION & CERTIFICATE

International



CAP

(The College of American Pathologists)
United State of America



CAP

(Participation in the Survey Education and Anatomic Pathology program)
United State of America

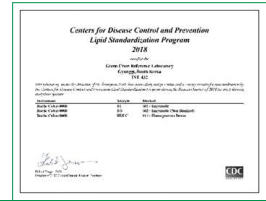
International



CDC NSQAP
United State of America



CDC NSQAP
United State of America



CDC LSP
United State of America



IBBL
Luxembourg



NGSP Level 1
United State of America



PCI
Canada



QMEQAS
Canada



RFB
Germany



DMQAS
(Certificate of Proficiency)
United Kingdom

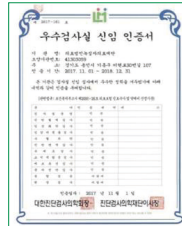


G-EQUAS
(Environmental)
Germany



G-EQUAS
(Occupational)
Germany

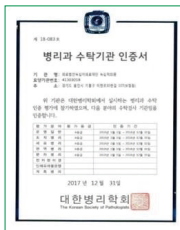
Korea



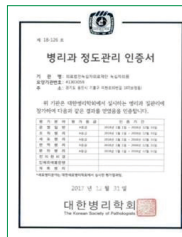
Outstanding Clinical Laboratory Accreditation



Clinical Laboratory Accreditation
(Laboratory Medicine)



Clinical Laboratory Accreditation
(Clinical Pathology)



Assurance of Quality Control in Clinical Pathology



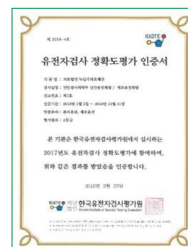
Report of Evaluation for Proficiency in Clinical Pathology



Clinical Laboratory Accreditation
(Nuclear Medicine)



Assurance of Quality Control in Nuclear Medicine



Genetic Test Accuracy Evaluation Certificate

LAB TEST OUTSOURCING TO GC LABS

Regional Partner Lab

**Sample collection is done in
hospital or regional lab's collection center**

Sample packaging



(by international courier)

 **GC Labs**
**GC Labs
(South Korea)**

Test, Academic Support

- Registration
- Analysis

After TAT



**Report the result back to
Regional Partner Lab through Web.**

LAB TEST OUTSOURCING TO GC LABS

SPECIMEN SHIPPING GUIDE

This guide is to offer to anyone involved in transporting medical specimens and to safely and legally pack and ship to Green Cross Laboratories.

Specimens must be packed and shipped properly for accurate testing, which helps ensure that patients receive optimal treatment. A specimen may not be viable for testing if it goes beyond the range of fixed temperature.

The main goal is to ensure that all medical specimens arrive at GC Labs:

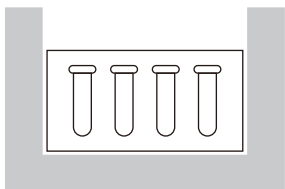
- At the correct temperature for testing
- Intact in the container, without breaking or leakage
- In the shortest possible time
- In compliance with all applicable regulations

Please contact before shipment to GC Labs as below for seamless procedure:

Recipient's Name: Jihyun Byun, Green Cross Laboratories
 Company Address: 107, Ihyeonro 30beon-gil, Giheung-gu, Yongin-Si, Gyeonggi-do, Korea
 Phone: +82 31-280-9908 / +82 31-280-9911
 E-mail: jihyun@gclabs.co.kr / saeyoon.kwon@gclabs.co.kr

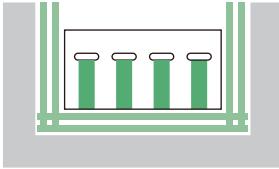
Ambient shipment

- Place the samples in the container or suitably-sized Ziploc bags.
- Close the lid or seal the bag and place it in a shipping box.
- Make sure to fill the shipping box with Styrofoam or other soft wading to avoid breakage.
- UN3373 marking must be on all boxed shipped by air and containing Biological Substance, Category B. The words Biological Substance, Category B must be written legibly on the outside of the box



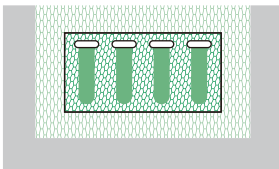
Refrigerated shipment

- Place the samples in the container or suitably-sized Ziploc bags.
- Close the lid or seal the bag and place it in a shipping box.
- Place the cooling block in the box, but not in direct contact with the samples.
- UN3373 marking must be on all boxed shipped by air and containing Biological Substance, Category B. The words Biological Substance, Category B must be written legibly on the outside of the box.



Frozen shipment

- Place the samples in the container or suitably-sized Ziploc bags.
- Close the lid or seal the bag and place it in a shipping box.
- Add dry-ice, place the plastic bags with samples, and fill the box with dry-ice.
- Place a UN1845 Class 9 dry ice label on the shipping box.
- Write the weight (in kilograms) of the dry ice on the label.
- UN3373 marking must be on all boxed shipped by air and containing Biological Substance, Category B. The words Biological Substance, Category B must be written legibly on the outside of the box.



Infectious materials shipment

If the material is known to contain a category A infection, please use special containers and must be shipped as "Infectious" according to IATA packing regulations.

* Please contact GC Labs before shipment.

DEPARTMENTS

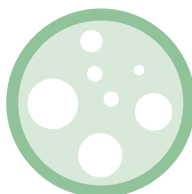
◆ Laboratory medicine

Automation & Robotics
Hematology
Transfusion Medicine
Molecular Genetics
Cytogenetics
Clinical Microbiology
Radioimmunology
Immunology
Inherited Metabolic Disorder
Special Chemistry



◆ Pathology

Tissue Pathology
Cytopathology
Immunohistochemistry
Molecular Pathology



METHODOLOGY ABBREVIATIONS

Abbreviations	Test full name
AAS	Atomic absorption spectroscopy
APTT	Activated partial thromboplastin time
BAR	Bacterial agglutination reaction
Bethesda assay	Bethesda assay
bDNA	Branched DNA assay
CF	Complement fixation test
CIA	Chemiluminescent immunoassay
CLEIA	Chemiluminescent enzyme immunoassay
CMIA	Chemiluminescent microparticle immunoassay
Colorimetry	Colorimetry
CPBA	Competitive protein binding assay
DNA chip	Deoxyribonucleic acid chip
ECLIA	Electrochemiluminescence immunoassay
EIA	Enzyme immunoassay
Electrode method	Electrode method
ELFA	Enzyme linked fluorescent assay
ELISA	Enzyme linked immunosorbent assay
Enzymatic assay	Enzymatic assay
EP	Electrophoresis
FACS	Fluorescent activating cell sorting
FAT	Fluorescent antibody test
FEIA	Fluorescence enzyme immunoassay
FISH	Fluorescence in situ hybridization
Flow cytometry	Flow cytometry
FIA	Fluorescence immunoassay
FPIA	Fluorescence polarization immunoassay
FT-IR	Fourier transform infrared spectrometry
GC	Gas chromatography
GC-MS	Gas chromatography-mass spectrometry
HI	Hemagglutination inhibition test



Abbreviations	Test full name
HPLC	High performance liquid chromatography
Hybrid capture	Hybrid capture
ICA	Immunochromatographic assay
ICP-MS	Inductively coupled plasma-mass spectrometry
IEP	Immuno-electrophoresis
IFA	Indirect fluorescent antibody
IPA	Immunoprecipitation assay
Line immunoassay (Immunoblot)	Line immunoassay (Immunoblot)
In situ hybridization	In situ hybridization
IR	Infrared absorption spectrometry
IRMA	Immunoradiometric assay
ISE	Ion selective electrolytes
KIMS	Kinetic interaction of microparticles in solution
LAI	Latex agglutination immunoassay, Latex agglutination turbidimetric immunoassay
Laurell method	Laurell method
LC-MS	Liquid chromatography-mass spectrometry
LIFA	Ligand mediated immunofunctional assay
LPIA	Latex photometric immunoassay
Luminex	Luminex
MLPA	Multiplex ligation dependent probe amplification
MPHA	Mixed passive hemagglutination test
Multiplex PCR	Multiplex polymerase chain reaction
Nested PCR	Nested polymerase chain reaction
NIA	Nephelometric immunoassay
Neutralization test	Neutralization test
PA	Particle agglutination test
PAGE	Polyacrylamide gel electrophoresis
PCR	Polymerase chain reaction
PCR-hybridization	Polymerase chain reaction-hybridization
PCR-SBT	PCR-sequence based typing
PHA	Passive hemagglutination test
PT	Prothrombin time method
Real-time PCR	Real-time polymerase chain reaction

Abbreviations	Test full name
RFLP	Restriction fragment length polymorphism
RFMP	Restriction fragment mass polymorphism
RIA	Radioimmunoassay
RPHA	Reversed passive hemagglutination test
RRA	Radioreceptor assay
RT PCR	Reverse transcriptase polymerase chain reaction
SBPA	Sandwich binding protein assay
Sequencing	Sequencing
Shell-vial method	Shell-vial method
Southern blotting	Southern blotting
Spectrophotometry	Spectrophotometry
SRID	Single radial immunodiffusion
SSA	Synthesized substrate assay
TIA	Turbidimetric immunoassay
TLC	Thin layer chromatography
TRAP	Telomeric repeat amplification protocol
Ultra- Icentrifugation method	Ultra-centrifugation method
UVS	Ultraviolet spectrophotometry
VDRL	Venereal disease research laboratory
Western blot	Western blot method

TEST UNIT

Unit	Full name	Unit	Full name	Unit	Full name	Unit	Full name
L	Liter	ng	Nanogram (=10-9g)	mIU	Milliinternational unit (=0.001 IU)	PRU	Pharmacia reference unit
dL	Deciliter (=0.1L)	pg	Picogram (=10-12g)	mmol	Millimole (=0.001mol)	mEq	Milliequivalent
mL	Milliliter (=0.001L)	U	Unit	μmol	Micromole (=10-6mol)	mOsm	Milliosmole
g	Gram	mU	Milliunit (=0.001U)	nmol	Nanomole (=10-9mol)	%	Percent
mg	Milligram (=0.001g)	μU	Microunit (10-6U)	pmol	Picomole (=10-12mol)	M	Mol
μg	Microgram (=10-6g)	IU	International unit	fmol	Femtomole (=10-15mol)	cpm	Count per minutes

01

General diagnostics

General diagnostics

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
H103	WBC (B)	EDTA WB 3.0	Mon-Sat 1	Flow cytometry
H102	RBC (B)			Electronic impedance
H105	Hb			Spectrophotometry
H104	Hct			Electronic impedance
H121	Platelet			
H107	MCH	EDTA WB 3.0	Mon-Sat 1	Calculation
H108	MCHC			
H106	MCV			
H132	RDW	EDTA WB 3.0	Mon-Sat 1	Calculation
H133	PDW	EDTA WB 3.0	Mon-Sat 1	Calculation
H134	MPV	EDTA WB 3.0	Mon-Sat 1	Calculation
H136	Pct	EDTA WB 3.0	Mon-Sat 1	Electronic impedance
X101	WBC differential count	Band neutrophil	Mon-Sat 1	Flow cytometry
X106		Basophil		
X108		Blast		
X105		Eosinophil		
X103		Lymphocyte		
X104		Monocyte		
X109		Myelocyte		
X102		Neutrophil segment		
X107		N-RBC		
X114		Metamyelocyte		
X115		Promyelocyte		
H122	Eosinophil count	EDTA WB 3.0	Mon-Sat 1	Flow cytometry
H110	ESR	EDTA WB 3.0	Mon-Sat 1	Instrument reading
S189	CRP (qualitative)	S 0.5	Mon-Sat 1	TIA
S102	CRP (quantitative)			
Z977	CRP (high sensitivity)	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	TIA
G277	Calprotectin	Stool 5.0g	Mon-Fri 1	FEIA
X274	Procalcitonin	S 1.0 EDTA P 1.0 Heparin P 1.0	Mon-Sat 1	CMLA
X113	Globulin	S 1.0	Mon-Sat 1	Calculation

GC Labs code	Test Item		Specimen (mL)	Test Schedule Analytical Time	Test Method
C200	Stone analysis		Stone more than 10.0mg	Mon-Fri 1	Colorimetry
Z018	Stone analysis (physical)		Stone 1.0mg		IR
X698	Stool pH		Stool 2.0g	Mon-Fri 1	pH indicator strips
S777	Stool fat (qualitative)		Stool 5.0g	Mon-Fri 1	Microscopy (Sudan III stain)
B416	Stool WBC		Stool 5.0g	Mon-Sat 1	Microscopy
U118	Occult blood (quantitative)		Stool 5.0g	Mon-Sat 1	TIA
S602 S601 U119 C601 C962	Body fluid and aspirates test	Cell count (diff)	EDTA fluid(other) 5.0 CSF 3.0	Mon-Sat 1	Stain & microscopy
		Cell count (fluid)			Hemocytometer
		Color (fluid)			Naked eye
		PH (fluid)			Test strip
		Specific gravity (fluid)			

02

Hematology

Hematology

GC Labs code	Test Item		Specimen (mL)	Test Schedule Analytical Time	Test Method
H123	Reticulocyte		EDTA WB 3.0	Mon-Sat 1	Flow cytometry
K403	Unmatured reticulocyte fractionation		EDTA WB 3.0	Mon-Sat 1	Flow cytometry
H124	PB morphology		EDTA WB 3.0	Mon-Sat 1	Stain & microscopy
C161	UIBC		S 0.5	Mon-Sat 1	UVS
C159	Iron		S 0.5 Heparin P 0.5	Mon-Sat 1	Colorimetry
C160	TIBC		S 0.5	Mon-Sat 1	IRON & UIBC (calculation)
C401	Ferritin		S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	ECLIA
X939	PNH study	CD24 granulocyte	EDTA WB 3.0	Mon-Sat 1	Flow cytometry
		CD55 (DAF) RBC			
		CD59 (MIRL) RBC			
		FLAER (GPI-LP) granulocyte			
C203	G-6-PDH		EDTA WB 3.0	Thu 1	Enzymatic assay
S502	Erythropoietin		S 0.5	Mon-Fri 1	CIA
C429	Plasma hemoglobin		EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	Spectrophotometry
C417	Hb EP		EDTA WB 3.0	Fri 3	EP
C394	Glucose-phosphate isomerase		EDTA WB 5.0	Mon-Sat 10	Enzymatic assay
C878	Fetal Hb		EDTA WB 3.0	Mon-Sat 1	HPLC
S510	Lymphocyte subset 5types(WB)	CD3 (WB)	EDTA WB 3.0	Mon-Sat 1	Flow cytometry
S528		CD4 (WB)			
S529		CD8 (WB)			
S771		CD16+CD56 (WB)			
S511		CD19 (WB)			
K936	Lymphocyte subset 5types(BAL)	CD3 (BAL)	Bronchoalveolar lavage fluid 10.0	Mon-Sat 1	Flow cytometry
K937		CD4 (BAL)			
K938		CD8 (BAL)			
K939		CD16+CD56 (BAL)			
K940		CD19 (BAL)			
L951	Leukemia/Lymphoma Immunophenotyping (oil cell)		EDTA WB 3.0 EDTA BM 3.0	Mon-Fri 3	Flow cytometry
H403	Bone Marrow (aspiration)		Slides (submit: PB 1, BM4) EDTA WB 2.0 & BM slide/submit 4	Mon-Fri 5	Stain & microscopy

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
H455	Bone Marrow (aspiration & biopsy)	Slides (submit: PB 1, BM 4) & BM tissue	Mon-Fri 5	Stain & microscopy
H634	LAP score	PB smear slide/submit 2	Thu 1	Stain & microscopy
H130	Prothrombin time	Sod.citrate P 1.0	Mon-Sat 1	Clot based
H127	PTT	Sod.citrate P 1.0	Mon-Sat 1	Clot based
H129	Factor I (fibrinogen)	Sod.citrate P 1.0	Mon-Sat 1	Clot based
H128	Thrombin time	Sod.citrate P 1.0	Mon-Sat 1	Clot based
H135	Mixing test	Sod.citrate P 1.0	Mon-Sat 1	Clot based
H503	Factor VIII (8) Ab (inhibitor)	Sod.citrate P 1.0	Mon, Wed, Fri 1	Bethesda
H516	Factor IX (9) Ab (inhibitor)	Sod.citrate P 1.0	Mon, Wed, Fri 1	Bethesda
H512	D-dimer (quantitative)	Sod.citrate P 1.0	Mon-Sat 1	TIA
H117	FDP quantitative	Sod.citrate P 1.0	Mon-Sat 1	TIA
S955	VWF (ristocetin cofactor)	Sod.citrate P 1.0	Thu 1	Fixed platelet agglutination
S956	VWF (VIII related Ag)	Sod.citrate P 1.0	Thu 1	ELISA
H504	Lupus A.coagulant (screen)	Sod.citrate P 1.0	Mon-Sat 1	DRVVT
Z930	Lupus A.coagulant (confirm)	Sod.citrate P 1.0		
H421	Antithrombin III	Sod.citrate P 0.5	Mon-Sat 1	Colorimetry
H422	Factor II (2)	Sod.citrate P 1.0	Wed 1	Clot based
H423	Factor V (5)	Sod.citrate P 1.0	Wed 1	Clot based
H427	Factor VII (7)	Sod.citrate P 1.0	Wed 1	Clot based
H424	Factor VIII (8)	Sod.citrate P 1.0	Mon,Wed,Fri 1	Clot based
H425	Factor IX (9)	Sod.citrate P 1.0	Mon,Wed,Fri 1	Clot based
H426	Factor X (10)	Sod.citrate P 1.0	Wed 1	Clot based
H428	Factor XI (11)	Sod.citrate P 1.0	Wed 1	Clot based
H429	Factor XII (12)	Sod.citrate P 1.0	Wed 1	Clot based
H432	Factor XIII (13)	Sod.citrate P 1.0	Wed 2	Urea solubility test
S485	Protein C activity	Sod.citrate P 1.0	Mon,Wed,Fri 1	Chromogenic- Kinetic OD/min

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
S716	Protein C Ag	Sod.citrate P 0.5	Mon,Thu 1	ELISA
S236	Protein S activity	Sod.citrate P 1.0	Mon,Wed,Fri 1	Clot based
S998	Protein S Ag total	Sod.citrate P 0.5	Mon,Thu 1	ELISA
S669	Protein S Free	Sod.citrate P 0.5		
B591	Plasminogen	Sod.citrate P 1.0	Mon,Wed,Fri 1	Chromogenic- Kinetic OD/min
S810	PAI-1	Sod.citrate P 0.5	Wed 1	ELISA

03

Transfusion

Transfusion

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
K075	ABO, blood typing (automated method)	EDTA WB 3.0	Mon-Sat 1	EMT
H126	Rh typing (automated method)	EDTA WB 3.0	Mon-Sat 1	EMT
H419	Du test (weak D)	EDTA WB 3.0	Mon-Sat 1	Column agglutination method
H411	Direct Coombs' test	EDTA WB 3.0	Mon-Sat 1	Column agglutination method
H412	Indirect Coombs' test	S 1.0	Mon-Sat 1	Column agglutination method
H414	Ab screening test	S 0.2	Mon-Sat 1	EMT
H416	Cold hemagglutination	S 0.5	Mon-Fri 1	HA



04

General chemistry

General chemistry

GC Labs code	Test Item		Specimen (mL)	Test Schedule Analytical Time	Test Method
C103	Bilirubin, total		S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	Colorimetry
C130	Direct bilirubin		S0.5 EDTA P 0.5 Heparin P 0.5		
C616	Indirect bilirubin		S 0.5		Calculation
C101	Protein, total		S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	Colorimetry
C640			24hU 2.0 (No addition)	Mon-Sat 1	
C185			RU 1.0		
			CSF 1.0		
K089	Protein/Creatinine ratio (RU)	Protein	RU 0.5	Mon-Sat 1	Colorimetry
K090		Creatinine		Calculation	
K088		Ratio			
X111	A/G ratio		S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	Calculation
C106	ALT (SGPT)		S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	UVS
C105	AST (SGOT)		S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	UVS
C104	ALP (alkaline phosphatase)		S 0.5 Heparin P 0.5	Mon-Sat 1	Colorimetry
C102	Albumin		S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	Colorimetry
C107	γ-GT		S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	Colorimetry
C171	Bile acid		S 0.5	Mon,Thu 1	Enzymatic assay
C165	Ammonia		EDTA P 0.5	Mon-Sat 1	Enzymatic assay
N313	M2BPGi		S 0.5	Tue,Fri 1	CLEIA
U111	Urine sediment (Flow cytometry)		RU 10.0	Mon-Sat 1	Flow cytometry
B104	Wet smear		Vaginal discharge Lesion swab	Mon-Sat 1	Microscopy
H140	Dysmorphic RBC		RU 5.0	Mon-Sat 1	Microscopy
H431	Hemosiderin		RU 10.0	Wed 1	Microscopy

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
U102	Routine urinalysis	WBC (RU)	Mon-Sat 1	Test strip, wavelength reflectance
U109		Blood (RU)		
U108		Bilirubin (RU)		
U105		Glucose (RU)		
U106		Ketone (RU)		
U101		Nitrite (RU)		
U104		Protein (RU)		
U107		Urobilinogen (RU)		
U103		pH (RU)		
U113		Color (RU)		
U110		Specific gravity (RU)		Reflection refractometry
C172	N-acetyl- β -D-glucosaminidase	RU 10.0	Tue, Fri 1	Colorimetry
C116	Creatinine	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	Colorimetry
C476		24hU 2.0 (No addition)	Mon-Sat 1	
K007	eGFR (MDRD)	S 0.5	Mon-Sat 1	Calculation
C605	Amylase creatinine clearance	S 0.5 & 24hU 1.0 (No addition)	Mon-Sat 1	Calculation
C151	ACP (acid phosphatase)	S 0.5	Mon-Sat 1	Colorimetry
K132	PAP (lesion swab) panel	swab	Mon-Sat 1	Colorimetry
C117	BUN	S 0.5 EDTA P 0.5	Mon-Sat 1	UVS
C474		24hU 5.0 (No addition) Refrigerated	Mon-Sat 1	
C118	Uric acid	S 0.5 Heparin P 0.5	Mon-Sat 1	Colorimetry
C479		24hU 5.0(NaOH pH: >8.0 maintenance)	Mon-Sat 1	
C201	Ccr (creatinine clearance)	S 0.5 & 24hU 1.0 (No addition)	Mon-Sat 1	Calculation
C427	Selectivity index	S 0.5 & RU 0.5S 0.2 & 24hU 0.2 (No addition)	Mon-Sat 1	TIA
Z883	Cystatin-C	S 1.0 EDTA P 1.0 Heparin P 1.0	Mon-Sat 1	TIA
C108	CK (creatine kinase, CPK)	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	UVS
c483		Fluid (other) 0.5	Mon-Sat 1	
S267	LAP (leucine aminopeptidase)	S 0.5	Mon-Sat 1	Colorimetry

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
C110	LDH (lactate dehydrogenase)	S 0.5 Heparin P 0.5	Mon-Sat 1	UVS
C471	Aldolase	S 0.5	Mon, Wed, Fri 1	UVS
C602	Cholinesterase (RBC activity)	EDTA WB 3.0	Mon, Thu 1	Enzymatic assay
C155	Cholinesterase (pseudo)	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	Colorimetry
C511	ACE (angiotensin converting enzyme)	S 0.5	Mon-Sat 1	Enzymatic assay
C512	Adenosine deaminase	S 0.5	Mon-Sat 1	Enzymatic assay
		Fluid (other) 1.0	Mon-Sat 1	
C412	ALP EP	S 1.0	Thu 3	EP
C414	LDH EP	S 3.0	Mon, Wed, Fri 3	EP
C846		Fluid (Other) 1.0		
C413	CK (CPK) EP	S 0.5	Mon, Wed, Fri 3	EP
C678	CK-BB EP	S 0.5	Mon, Wed, Fri 2	
C674	CK-MM EP	S 0.5		
C394	Glucose-phos.Isomerase	EDTA WB 5.0	Mon-Sat 10	Enzymatic assay
S538	Tryptase	S 1.0	Mon, Thu 1	FEIA
C206	Acetylcholinesterase qualitative	Amniotic fluid 3.0	Mon, Thu 3	EP
C393	HGPRT enzyme test	EDTA WB 5.0	Mon-Sat 10	RIA
K091	Active oxygen & Antioxidant test	S 1.0	Mon-Fri 1	Colorimetry
N708	Active oxygen & Antioxidant test (TOS & TAS)	S 1.0	Mon-Fri 1	Colorimetry
C163	Phospholipid	S 0.5	Mon-Sat 1	Enzymatic assay
C122	Triglyceride	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	Colorimetry
C166	Free fatty acid	S 0.5	Mon-Sat 1	Colorimetry
C119	Cholesterol, total	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	Colorimetry
C696	CRF	S 0.5	Mon-Sat 1	Calculation

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
C120	HDL cholesterol	S 0.5	Mon-Sat 1	Colorimetry
C121	LDL cholesterol	S 0.5	Mon-Sat 1	Colorimetry
C673	Lipoprotein (a)	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	TIA
C162	β -Lipoprotein	S 0.5	Mon-Sat 1	TIA
S505	Apolipoprotein A I	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	TIA
S744	Apolipoprotein A II	S 1.0	Mon-Sat 1	TIA
S504	Apolipoprotein B	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	TIA
S745	Apolipoprotein C II	S 0.5	Mon, Wed, Fri 1	TIA
S743	Apolipoprotein C III	S 0.5	Mon-Sat 1	TIA
S818	Apolipoprotein E	S 0.5	Mon, Wed, Fri 1	TIA
C415	Lipoprotein EP	S 1.0	Mon 2	EP
C842		Fluid (other) 3.0		
S421	Homocysteine	S 0.5	Mon-Sat 1	Enzymatic assay
C462		Heparin P 0.5 EDTA P 0.5		
L714	Homocysteine (LC-MS/MS)	S 0.5	Tue 2	LC/MS-MS
L715		EDTA P 0.5 Heparin P 0.5		
L716		RU 5.0		
S130	Hydroxyproline, free	EDTA P 1.0 Heparin P 1.0	Mon-Sat 10	LC/MS-MS
		EDTA P 1.0 Heparin P 1.0 24hU 5.0 (Addition: 6NHCl) Frozen, Light shielding		
G323	Human amyloid β	EDTA P 0.5	Tue, Thu 2	EIA
C448	Mg (magnesium)	S0.5	Mon-Sat 1	Colorimetry
		24hU 5.0 (No addition)	Mon-Sat 1	

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
C111	Na (sodium)	S 0.5	Mon-Sat 1	ISE
C482		24hU 5.0 (No addition)	Mon-Sat 1	
		RU 5.0		
C113	Cl (chloride)	S 0.5	Mon-Sat 1	ISE
C480		24hU 5.0(Acidify with HCl pH: < 3 maintenance)	Mon-Sat 1	
		RU 5.0		
C158	Inorganic-phosphorus	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	UVS
C478		24hU 5.0 (Acidify with HCl pH: <3 maintenance)	Mon-Sat 1	
C154	Calcium	S 0.5	Mon-Sat 1	Colorimetry
C475		24hU 5.0 (6mol/L HCl 5mL Acidify)	Mon-Sat 1	
C153	Ionized calcium	S 0.5	Mon-Sat 1	ISE
C112	K (potassium)	S 0.5	Mon-Sat 1	ISE
C481		24hU 5.0 (No addition)	Mon-Sat 1	
		RU 5.0		
U132	Osmolality (S)	S 0.5	Mon-Sat 1	Freezing point depression
U120	Osmolality (U)	RU 5.0 24hU 5.0(No addition)	Mon-Sat 1	Freezing point depression
C528	Total CO ₂	S0. 5 Heparin P 0.5	Mon-Sat 1	Enzymatic assay

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Endocrinology

Endocrinology

GC Labs code		Test Item		Specimen (mL)		Test Schedule Analytical Time		Test Method			
S525		Albumin		RU 10.0 (No addition)		Mon-Sat 1		TIA			
				24hU 10.0 (No addition)							
S524				CSF 1.0		Mon-Sat 1		TIA			
S490		Microalbumin		RU 5.0		Mon-Sat 1		TIA			
S973				24hU 5.0 (No addition)							
K133	C621	Ketone body	Acetoacetate		S 2.0		Mon, Wed, Fri 3		GC/MS		
	C619		Total ketone								
	C622		β-Hydroxybutyric acid								
C123		Glucose (S)		S 0.5		Mon-Sat 1		UVS			
C212		Glucose (PP2, S)		S 0.5							
C180		Glucose (P)		NaF P 1.0							
C213		Glucose (PP2, P)		NaF P 1.0							
C477		Glucose (U)		24hU 5.0 (5mL of glacial aceticacid)		Mon-Sat 1					
C485		Glucose (other)		CSF 0.5							
C485				Fluid (other) 0.5							
C150		Glucose (gestational GTT)		S 0.5 NaF P 1.0		Mon-Sat 1				UVS	
E441		Insulin		S 0.3 EDTA P 0.3		Mon-Sat 1		ECLIA			
S434		C-peptide		S 0.3 Frozen		Mon-Sat 1		ECLIA			
				24hU 2.0 (No addition)		Mon-Sat 1					
C431		HbA1c		EDTA WB 3.0		Mon-Sat 1		TIA			
C406		Fructosamine		S 0.5 EDTA P 0.5 Heparin P 0.5		Mon-Sat 1		Colorimetry			
K977		Glycoalbumin		S 0.5		Mon-Sat 1		Enzymatic assay			
X946		TSH-receptor Ab		S 0.5		Mon-Sat 1		ECLIA			
S433		Anti microsome Ab (TPO Ab)		S 0.5		Mon-Sat 1		ECLIA			
E407		Thyroxine binding globulin		S 0.5		Thu 1		RIA			
E405		T3 uptake		S 0.5		Tue,Fri 1		RIA			
E401		T3		S 0.5 P 0.5		Mon-Sat 1		ECLIA			

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
E408	Free T3	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	ECLIA
E402	T4	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	ECLIA
E406	Free T4	S 0.5 P 0.5	Mon-Sat 1	ECLIA
E403	TSH	S 0.5 P 0.5	Mon-Sat 1	ECLIA
S432	Thyroglobulin Ab	S 0.5	Mon-Sat 1	ECLIA
E562	TS Ab (thyroid stimulating)	S 0.5	Wed, Fri 2	Bio assay
L040	Urinary iodine	RU 10.0	Mon, Wed, Fri 2	ICP-MS
L041		24hU 10.0 (No addition)		
L277	Free urinary iodine	RU 10.0	Mon, Wed, Fri 2	ISE
L278		24hU 10.0 (No addition)		
L042	Urinary bromide	RU 10.0	Mon, Wed, Fri 2	ICP-MS
L043		24hU 10.0 (No addition)		
L044	Urinary fluoride	RU 10.0	Mon, Wed, Fri 2	ISE
L046		24hU 10.0 (No addition)		
E418	ADH	EDTA P 1.0	Mon, Wed 3	RIA
E423	Prolactin	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	ECLIA
E417	HGH (human growth hormone)	S 1.0	Mon-Sat 1	CIA
E416	ACTH (RIA)	EDTA P 0.5	Mon, Wed, Fri 1	IRMA
E455	Somatomedin-C (IGF-1)	S 0.5	Mon-Sat 1	CIA
E561	IGF-BP3	S 0.5	Mon-Sat 1	CIA
C435	17-KS (17-Ketosteroid)	24hU 30.0 (No addition or 6N HQ)	Tue, Fri 1	Colorimetry
C436	17-OHCS (17-Hydroxycorticosteroid)	24hU 30.0 (No addition or 6N HQ)	Tue, Fri 1	Colorimetry
E436	Aldosterone	S 0.5 EDTA P 0.5	Mon-Fri 1	RIA
E467		24hU 5.0 (No addition)	Mon-Fri 4	

GC Labs code	Test Item		Specimen (mL)	Test Schedule Analytical Time	Test Method
N882	Aldosterone [LC-MS/MS]		S 1.0 EDTA P 1.0	Mon, Wed, Fri 3	LC-MS/MS
L960	Cortisol (CIA)		S 0.5	Mon-Sat 1	CMA
E435	Cortisol		S 0.5	Mon, Wed, Fri 1	RIA
L961	Cortisol, free (CIA)		24hU 1.0 (No addition)	Mon-Fri 1	CMA
E439	Cortisol, free		24hU 5.0 (No addition)	Mon, Wed, Fri 1	RIA
E431	DHEA-S		S 0.5	Mon-Fri 1	RIA
C433	VMA (qualitative)		RU 5.0	Mon-Sat 1	Colorimetry
C434	VMA (quantitative)		24hU 5.0 (6N HCl)	Mon, Wed, Fri 2	HPLC
C438	5-HIAA (quantitative)		24hU 5.0 (6N HCl)	Thu 2	HPLC
C604 E449 E450	Catecholamin (P)	Dopamine	EDTA P 3.0	Tue, Thu 2	HPLC
		Epinephrine			
		Norepinephrine			
N596	Catecholamines (3fraction) [24hU]	Urine dopamine	24hU 5.0 (Addition: 6N HCl)	Mon, Wed, Fri 2	LC / MS-MS
		Urine epinephrine			
		Urine norepinephrine			
N593	Catecholamines (2fraction) [24hU]	Urine norepinephrine Urine epinephrine	24hU 5.0 (addition: 6N HCl)		LC / MS-MS
C301	HVA		RU 5.0	Thu 2	HPLC
			24hU 5.0 (Addition: 6N HCl)		
S660	Metanephrine 2fraction(P)	Metanephrine	EDTA P 1.0	Mon, Thu 2	LC/MS-MS
		Normetanephrine			
C458 C457	Metanephrine 2fraction(24hU)	Metanephrine	24hU 10.0 (Addition: 6N HCl)	Mon, Wed, Fri 2	HPLC
		Normetanephrine			
E452	Total metanephrine		24hU 5.0 (Addition: 6N HCl)	Mon, Wed, Fri 2	HPLC
E437	Renin activity		EDTA P 1.5	Mon, Wed, Thu 1	RIA
N883	Renin activity [LC-MS/MS]		EDTA P 3.0	Tue, Thu 3	LC-MS/MS
L671	Saliva hormone analysis(adrenal stress profile)		Saliva 0.6	Wed 3	ELISA

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
E421	FSH	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	ECLIA
E422	LH	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	ECLIA
E427	Estradiol (E2)	S 0.5 EDTA P 0.5	Mon-Sat 1	ECLIA
E539	Free E3	S 0.5	Mon-Sat 1	CIA
E587	Free testosterone	S 0.5	Tue, Fri 1	RIA
L959	Testosterone (CIA)	S 0.5	Mon-Sat 1	CMIA
E434	Testosterone (RIA)	S 0.5	Mon-Sat 1	RIA
E428	Progesterone	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	ECLIA
E453	17 α -OH progesterone	S 0.5	Mon, Wed, Fri 1	RIA
E865	Total hCG	S 0.5 P 0.5	Mon-Sat 1	ECLIA
E424	β -hCG	S 0.5 P 0.5	Mon-Sat 1	ECLIA
S742	Sex hormone binding globulin	S 0.5	Mon 1	IRMA
X402	AMH (anti mullerian hormone)	S 0.5	Mon-Fri 1	ECLIA
C115	Lipase	S 0.5	Mon-Sat 1	Colorimetry
C114	Amylase	S 0.5	Mon-Sat 1	
C472		RU 5.0	Mon-Sat 1	
C486		Fluid (other) 0.5		
E442	Gastrin	S 1.0	Tue 1	RIA
E446	Glucagon	EDTA P 1.0	Mon 2	RIA
C608	Amylase EP	S 1.0	Mon 3	EP
C699		RU 10.0		

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Cardiovascular disease

Cardiovascular disease

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
L526	Blood viscosity test	EDTA WB 5.0	Mon-Sat 1	Scanning Capillary Method
N685	Blood Viscosity Test [Cone Plate Rotational Method]	EDTA WB 5.0	Mon-Sat 1	Cone Plate Rotational Method
S446	Myoglobin	S 0.5	Mon-Sat 1	ECLIA
U115		RU 0.5	Mon-Sat 1	
S757	Troponin-T (high sensitive)	S 0.3	Mon-Sat 1	ECLIA
E301	Troponin-I	S 0.3 EDTA P 0.3 Heparin P 0.3		
C109	CK-MB	S 0.3	Mon-Sat 1	ECLIA
L631	Soluble ST2 (heart failure)	S 1.0	Tue,Fri 1	ELISA
N884	Soluble ST2 (acute coronary syndrome)	S 1.0		
E569	BNP	EDTA P 0.5	Mon-Sat 1	CMIA
S805	NT-proBNP	S 0.3	Mon-Sat 1	ECLIA

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Tumor marker

Tumor marker

GC Labs code	Test Item		Specimen (mL)	Test Schedule Analytical Time	Test Method
S302	AFP (qualitative)		S 0.5	Mon-Sat 1	ICA
C409	AFP		S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	ECLIA
E952	AFP (other)		Fluid (other) 0.2	Mon-Sat 1	
Z960	AFP (NT screen)		S 0.5	Mon-Sat 1	CIA
E550	AFP (amniotic fluid)		Amniotic fluid 2.0	Mon-Sat 2	CIA
S448	β2-microglobulin		S 0.5	Mon, Wed, Fri 1	CIA
C617			RU 5.0		
X707	Monoclonal Gammopathy Screening Panel (MGSP)	Protein EP	S 2.0	Mon-Fri 2	EP
		Free Lambda light chain			TIA
		Free Kappa light chain			
Z136	NMP22		Special container RU	Mon, Wed, Fri 1	EIA
E411	Calcitonin		S 0.5	Mon, Wed, Fri 1	CIA
S431	Thyroglobulin		S 0.5	Mon-Sat 1	ECLIA
E525	PIVKA-II		S 0.5	Mon-Sat 1	CMIA
E501	Pepsinogen ratio	Pepsinogen I	S 1.0	Mon-Fri 1	TIA
E502		Pepsinogen II			TIA
E504		Pepsinogen ratio			Calculation
C408	CEA		S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	ECLIA
E953	CEA (other)		Fluid (other) 0.5	Mon-Sat 1	
C168	PAP (prostatic acid phosphatase)		S 0.5	Tue, Thu 1	CIA
S468	PSA (Prostate-specific Ag)		S 0.3	Mon-Sat 1	ECLIA
S774	Free PSA		S 0.3 EDTA P 0.3	Mon-Sat 1	ECLIA
S463	CA125		S 0.3 EDTA P 0.3	Mon-Sat 1	ECLIA
S469	CA15-3		S 0.3 EDTA P 0.3	Mon-Sat 1	ECLIA

GC Labs code	Test Item		Specimen (mL)	Test Schedule Analytical Time	Test Method
S464	CA19-9		S 0.3 EDTA P 0.3	Mon-Sat 1	ECLIA
E514	CA72-4		S 0.3 EDTA P 0.3	Mon-Sat 1	ECLIA
G293	HE4		S 0.5	Mon-Sat 1	ECLIA
G288	Ovarian cancer risk (ROMA, Premenopausal)	CA125	S 0.5	Mon-Fri 1	ECLIA
		HE4			ECLIA & calculation
		ROMA, Premenopausal			
G289	Ovarian cancer risk (ROMA, Postmenopausal)	CA125	S 0.5	Mon-Fri 1	ECLIA
		HE4			ECLIA & calculation
		ROMA, Postmenopausal			
S465	Neuronspecific enolase (NSE)		S 0.3	Mon-Sat 1	ECLIA
S467	SCC (TA-4)		S 0.5	Mon-Sat 1	CMIA
C181	Free kappa light chain		RU 3.0 24hU 3.0 (No addition)	Mon-Fri 1	TIA
Z983			S 1.0		
C182			RU 3.0 24hU 3.0 (No addition)		
Z982			S 1.0		
K869	Serotonin [LC-MS/MS]		S1.0	Tue 2	LC/MS-MS
			EDTA P (PFP) 1.0		
N132	Chromogranin A		S 1.0 EDTA P 1.0 Heparin P 1.0	Fri 1	EIA
E602	CYFRA 21-1 (cytokeratin 19)		S 0.3 EDTA P 0.3	Mon-Sat 1	ECLIA
C443	Neopterin/Biopterin		RU 5.0	Wed, Fri 10	HPLC

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Metabolism

Metabolism

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
C461	Ceruloplasmin	S 0.5	Mon-Sat 1	TIA
S450	α 1-Antitrypsin	S 0.5	Mon-Sat 1	TIA
S450		Stool 10g 24h Stool 10g		
E300	α 1-Antitrypsin clearance	S 0.5 & 24h stool 10g	Mon-Sat 2	TIA
S445	Haptoglobin	S 0.5	Mon-Sat 1	TIA
C400	Transferrin	S 0.5	Mon-Sat 1	TIA
B592	Prealbumin	S 0.5	Mon-Sat 1	TIA
C411	Protein EP	S 1.0	Mon-Fri 2	EP
X604		RU 5.0	Mon-Fri 2	
K675		24hU 5.0 (No addition)	Mon-Fri 2	
C170	Oligoclonal band	S 0.5 CSF 1.0	Wed 2	EP
C690	Immuno fixation EP	S 1.0	Mon-Fri 2	IFE
C841		RU 10.0		
X718	Immuno fixation EP IgD, IgE	S 1.0	Mon-Fri 2	IFE
X719		RU 10.0		
E012	CDT	S 1.0	Tue, Thu 1	NIA
C462	Homocysteine	Heparin P 0.5 EDTA P 0.5	Mon-Sat 1	Enzymatic assay
C615	1,25-(OH) ₂ vitamin D	S 1.5 EDTA P 1.5	Wed 3	RIA
C404	25-(OH) vitamin D	S 0.5	Mon-Sat 1	CMA
K209	25-OH vitamin D2 & D3 by HPLC/MS/MS	S 1.0	Mon, Wed, Fri 3	LC/MS-MS
C402	Vitamin B12 (cyanocobalamin)	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	ECLIA
C403	Folate	S 0.5	Mon-Sat 1	ECLIA
E430	Folate (RBC)	EDTA WB 3.0	Mon-Sat 1	
C405	Vitamin A (retinol)	S 1.0	Tue, Thu 2	HPLC
C612	Vitamin B1 (thiamine)	EDTA WB 2.0	Mon, Wed, Fri 2	HPLC

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
C610	Vitamin B6	EDTA P 0.5	Mon, Thu 2	HPLC
C693	Vitamin C (ascorbic acid)	S 1.0	Tue, Thu 2	HPLC
C533	Vitamin E (tocopherol)	S 1.0	Tue, Thu 2	HPLC
C703	Carnitine (vitamin BT)	S 1.0 EDTA P 1.0	Thu 5	LC/MS-MS
X056	Coenzyme Q10	Heparin P 1.0	Mon, Wed 2	HPLC
S735	Deoxypyridinoline	RU 10.0	Tue, Fri 1	EIA
Z003	NTx	RU 5.0	Mon, Thu 1	CIA
S641	CTx	S 0.3	Mon-Sat 1	ECLIA
C547	Bone ALP	S 1.0	Mon, Wed, Fri 1	CIA
E412	Intact PTH	S 0.3 EDTA P 0.3	Mon-Sat 1	ECLIA
E415	Osteocalcin	S 0.5	Mon, Wed, Fri 2	RIA
L464	Lactic acid	NaF P 1.0 CSF 0.2	Mon-Sat 1	Enzymatic assay
C167	Amino acid	EDTA P 1.0 Heparin P 1.0 24hU 2.0 (6N HCl) RU 2.0	Mon-Sat 5	LC/MS-MS
C639	Citric acid (citrate)	S 0.5	Wed 1	UVS
C505		24hU 5.0 (no addition or 6N HCl)		
C506	Pyruvic acid (pyruvate)	Second protein solution 2.0 (Exclusive tube: 8% perchloric acid)	Mon, Wed, Fri 1	Enzymatic assay
N044	Methylmalonic acid	S 3.0	Wed 3	GC/MS
N045		EDTA P 3.0 Heparin P 3.0		
Z111		RU 5.0	Tue, Fri 3	
S750		24hU 10.0 (6N HCl)		
C208	Oxalic acid (oxalate)	24hU 2.0 (6N HCl)	Wed 2	GC/MS
C538	Organic acid analysis	EDTA P 2.0 Heparin P 2.0 RU 10.0	Mon-Sat 5	GC/MS

GC Labs code	Test Item		Specimen (mL)	Test Schedule Analytical Time	Test Method
U131	Coprotophyrin (quantitative)		24hU 10.0 (Keeping 10% Sodium Carbonate 15-20mL after the addition of alkali)	Wed, every 1st, 3rd week 1	Colorimetry
U123	PBG (quantitative)		24hU 5.0 (No addition)	Mon 1	Colorimetry
U125	Porphyrin (qualitative)		RU 5.0	Mon-Fri 1	Colorimetry
U122	Uroporphyrin (qualitative)		RU 10.0	Wed, every 1st, 3rd week 2	Colorimetry
U130	Uroporphyrin (quantitative)		24hU 10.0 (Keeping 10% Sodium Carbonate 15 ~ 20mL after the addition of alkali)		
H175	Galactosemia confirmatory test	Galactose-1-phosphate	EDTA WB 5.0	Tue, Thu 7	Enzymatic assay
H177		Galactokinase (GK)	EDTA WB 5.0		LC/MS-MS
H176		G-1-P Uridyltransferase (UT)	EDTA WB 5.0		
H178		UDP-Galactose-4-Epimerase (EPI)	EDTA WB 5.0		
S462	β -Galactosidase		EDTA WB 5.0	Mon-Sat 10	Enzymatic assay
C710	Arylsulfatase A		EDTA WB 5.0	Wed 10	Enzymatic assay
C623	Arylsulfatase B		EDTA WB 5.0	Wed 10	Enzymatic assay
Z122	α -Galactosidase		EDTA WB 5.0	Tue 10	Enzymatic assay
S769	Acid-a-glucosidase (Pompe)		EDTA WB 5.0	Thu 10	Enzymatic assay
H196		Tissue			
Z932	β -glucosidase (Gaucher's disease)		EDTA WB 5.0	Mon-Sat 10	Enzymatic assay
N854	Hexosaminidase		EDTA WB 5.0	Fri 10	Enzymatic assay
S293	Biotinidase		EDTA P 0.2 S 1.0	Mon-Sat 7	Enzymatic assay
C658	VLCFA (very long chain fatty acid)		EDTA P 2.0	Thu 7	GC/MS
N800	Neonatal screening test		Blood paper 4 hole	Mon-Fri 2	LC-MS/MS&FIA
S153	Acylcarnitine quantitative (Plasma)		EDTA P 3.0	Mon-Fri 2	LC/MS-MS
N403	Lysosomal storage disease (LSD) screening test [LC/MS-MS]		Blood paper 4 hole	Mon-Fri 3	LC/MS-MS
IM04	ADMA		EDTA P 3.0	Wed 2	LC/MS-MS
C395	APRT (adenosine phosphoribosyltransferase)		EDTA WB 5.0	Mon-Sat 10	RIA
H187	Chitotriosidase		EDTA WB 5.0	Mon-Sat 10	Enzymatic assay

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
C392	Fructose-1,6 biphosphate	EDTA WB 5.0	Mon-Sat 10	Enzymatic assay
S908	Glycogen quantitative	EDTA WB 5.0	Mon-Sat 10	Spectrophotometry
C207	Orotic acid	RU 10.0	Tue 7	GC/MS
C369	Sphingomyelinase	EDTA WB 3.0 Fibroblast	Mon-Fri 10	Spectrophotometry
C539	Succinylacetone	RU 5.0	Tue 7	GC/MS

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Drug and poisoning

Drug and poisoning

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
G059	CO-Oximeter (Met&CarboxyHb)	Heparin WB 3.0 EDTA WB 3.0	Mon-Sat 1	Spectrophotometry
C850	Aspirin (salicylic acid)	S 0.5	Mon-Sat 1	Colorimetry
C460	δ -ALA (aminolevulinic acid)	RU 5.0	Mon 1	Colorimetry
		24hJ 5.0 (10mL per 0.1mL of acetic acid maintained at pH 7.0 or less)		
D413	Barbiturates	RU 5.0	Mon-Sat 1	TIA
C885	Benzodiazepines	RU 5.0	Mon-Sat 1	TIA
Z128	Phencyclidine	RU 5.0	Mon-Fri 1	TIA
E511	Cyclosporine [CMIA]	EDTA WB 2.0	Mon-Sat 1	CMIA
L539	Cyclosporine(LC-MS/MS)	EDTA WB 3.0	Mon-Fri 2	LC/MS-MS
C563	Methamphetamine	RU 3.0	Mon-Sat 1	TIA
D704	Acetaminophen (tylenol)	S 0.5	Mon-Sat 1	EIA
D401	Carbamazepine (tegretol)	S 0.5	Mon-Sat 1	TIA
D402	Digoxin (lanovin, dioxin)	S 0.5	Mon-Sat 1	TIA
S972	Methotrexate (MTX)	S 0.5	Mon-Sat 1	CMIA
D405	Phenobarbital (luminal)	S 0.5	Mon-Sat 1	TIA
D407	Phenytoin (dilantin)	S 0.5	Mon-Sat 1	TIA
B568	Tacrolimus (FK506) [CMIA]	EDTA WB 2.0	Mon-Sat 1	CMIA
L538	Tacrolimus (FK506, LC-MS/MS)	EDTA WB 3.0	Mon-Fri 2	LC/MS-MS
D406	Theophylline (aminophylline)	S 0.5	Mon-Sat 1	TIA
D409	Valproic acid (orfil)	S 0.5	Mon-Sat 1	EIA
C714	Vancomycin	S 0.5	Mon-Sat 1	TIA
D706	Paraquat (gramoxone)	S 2.0	Tue 2	HPLC
S808	Clozapine/Norclozapine	S 1.0	Tue 4	LC/MS-MS

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
K053	Everolimus [LC-MS/MS]	EDTA WB 3.0	Mon-Fri 2	LC/MS-MS
C509	Sirolimus [LC-MS/MS]	EDTA WB 3.0	Mon-Fri 2	LC/MS-MS
C441	Al (aluminum)	Heavy metals exclusive tube S 1.0	Mon, Thu 2	ICP-MS
		24hU 5.0 (No addition)		
		RU 3.0 (No addition)		
L575	As (arsenic)	EDTA WB 3.0 Heparin WB 3.0 Trace element exclusive tube WB 5.0	Tue, Fri 2	ICP-MS
C442	Cd (cadmium)	EDTA WB 2.0 Heparin WB 2.0 Heavy metals exclusive tube WB 2.0	Tue, Fri 2	ICP-MS
		24hU 5.0 (No addition)		
		RU 3.0 (No addition)		
B593	Cobalt	Heavy metals exclusive tube S 1.0	Mon, Thu 2	ICP-MS
		24hU 5.0(No addition)		
		RU 3.0 (No addition)		
C444	Cr (chromium)	Heavy metals exclusive tube S 1.0	Mon, Thu 2	ICP-MS
		24hU 5.0 (No addition)		
		RU 3.0 (No addition)		
C445	Cu (copper)	Heavy metals exclusive tube S 1.0	Mon, Wed, Fri 1	ICP-MS
24hU 5.0 (No addition)				
C450		RU 3.0 (No addition)		
C446	Hg (mercury)	EDTA WB 2.0 Heparin WB 2.0 Heavy metal sexclusive tube WB 2.0	Tue, Fri 2	ICP-MS
		24hU 5.0 (No addition)		
		RU 3.0 (No addition)		
S567		Hair 0.3g	Mon-Fri 7	
C447	Li (lithium)	Special Container S 1.0	Mon-Sat 1	AAS
C449	Mn (manganese)	Heavy metals exclusive tube S 1.0	Mon, Thu 2	ICP-MS
		24hU 5.0 (No addition)		
		RU 3.0 (No addition)		
X521	Nickel	Heavy metals exclusive tube S 1.0	Mon, Thu 2	ICP-MS
C451	Pb (lead)	EDTA WB 2.0 Heparin WB 2.0 Heavy metals exclusive tube WB 2.0	Tue, Fri 2	ICP-MS
		24hU 5.0 (No addition)		
		RU 3.0 (No addition)		
S566		Hair 0.3g	Mon-Fri 7	

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
H189	Selenium	Heavy metals exclusive tube S 1.0	Mon, Thu 1	ICP-MS
C452	Zn (zinc)	Heavy metals exclusive tube S 1.0	Mon-Fri 1	ICP-MS
C459		24hU 5.0 (No addition)		
		RU 3.0 (No addition)		
E534	Cu (tissue)	Tissue more than 0.1 mg	Mon-Fri 7	ICP-MS
Z007	Iron (tissue)	Tissue 0.01mg (more than 2cm)	Mon-Fri 7	AAS
C152	Alcohol (ethanol)	EDTA P 1.0 S 1.0	Mon-Sat 1	Enzymatic assay
D419	Amphetamine	RU 5.0	Mon-Sat 1	TIA
Z928	Cannabinoids (qualitative)	RU 5.0	Mon-Sat 1	TIA
C561	Cocaine	RU 5.0	Mon-Sat 1	TIA
C437	Ecstasy (MDMA)	RU 10.0	Mon-Sat 1	ICA
C564	Heroin	RU 5.0	Mon-Sat 1	TIA
X618	Molybdenum	Heavy metals exclusive tube S 1.0	Mon, Thu 2	ICP-MS
D421	Morphine	RU 5.0	Mon-Sat 1	TIA
E604	Nicotine metabolite	S 1.0	Mon-Fri 1	CIA
E603		RU 1.0		
C700	TBPE	RU 5.0	Mon-Sat 1	Colorimetry
X979	Hair, heavy metals & Mineral 40 types test (element analysis, hair)	More than hair of 0.3g	Mon, Thu 5	ICP-MS
X043	Adequacy test blood dialysate (fine material)	Exclusive tube dialysate 100.0	Mon 7	ICP-MS
L459	Blood, heavy metals 4 types test	Heavy metals exclusive tube WB 5.0	Tue, Fri 3	ICP-MS
L941	Blood, heavy metals & Mineral 13 types test (Trace element analysis)	Heavy metals exclusive tube WB 5.0 & Heavy metals exclusive tube S 5.0	Tue, Thu 4	ICP-MS
L942	Blood, heavy metals & Mineral 13 types test (follow up)	Heavy metals exclusive tube WB 5.0 & Heavy metals exclusive tube S 5.0		
G059	CO-Oximeter (Met&CarboxyHb)	Heparin WB 3.0 EDTA WB 3.0	Mon-Sat 1	Spectrophotometry
C850	Aspirin (salicylic acid)	S 0.5	Mon-Sat 1	Colorimetry

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
C460	δ-ALA (aminolevulinic acid)	RU 5.0	Mon 1	Colorimetry
		24hU 5.0 (10mL per 0.1mL of acetic acid maintained at pH 7.0 or less)		
D413	Barbiturates	RU 5.0	Mon-Sat 1	TIA
C885	Benzodiazepines	RU 5.0	Mon-Sat 1	TIA
Z128	Phencyclidine	RU 5.0	Mon-Fri 1	TIA
E511	Cyclosporine [CMIA]	EDTA WB 2.0	Mon-Sat 1	CMIA
L539	Cyclosporine(LC-MS/MS)	EDTA WB 3.0	Mon-Fri 2	LC/MS-MS
C563	Methamphetamine	RU 3.0	Mon-Sat 1	TIA
D704	Acetaminophen (tylenol)	S 0.5	Mon-Sat 1	EIA
D401	Carbamazepine (tegretol)	S 0.5	Mon-Sat 1	TIA
D402	Digoxin (lanovin, dioxin)	S 0.5	Mon-Sat 1	TIA
S972	Methotrexate (MTX)	S 0.5	Mon-Sat 1	CMIA
D405	Phenobarbital (luminal)	S 0.5	Mon-Sat 1	TIA
D407	Phenytoin (dilantin)	S 0.5	Mon-Sat 1	TIA
B568	Tacrolimus (FK506) [CMIA]	EDTA WB 2.0	Mon-Sat 1	CMIA
L538	Tacrolimus (FK506, LC-MS/MS)	EDTA WB 3.0	Mon-Fri 2	LC/MS-MS
D406	Theophylline (aminophylline)	S 0.5	Mon-Sat 1	TIA
D409	Valproic acid (orfil)	S 0.5	Mon-Sat 1	EIA
C714	Vancomycin	S 0.5	Mon-Sat 1	TIA
D706	Paraquat (gramoxone)	S 2.0	Tue 2	HPLC
S808	Clozapine/Norclozapine	S 1.0	Tue 4	LC/MS-MS
K053	Everolimus [LC-MS/MS]	EDTA WB 3.0	Mon-Fri 2	LC/MS-MS
C509	Sirolimus	EDTA WB 3.0	Mon-Fri 2	LC/MS-MS
D419	Amphetamine	RU 5.0	Mon-Sat 1	TIA
Z928	Cannabinoids (qualitative)	RU 5.0	Mon-Sat 1	TIA

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
C561	Cocaine	RU 5.0	Mon-Sat 1	TIA
C437	Ecstasy (MDMA)	RU 10.0	Mon-Sat 1	ICA
C564	Heroin	RU 5.0	Mon-Sat 1	TIA
D421	Morphine	RU 5.0	Mon-Sat 1	TIA
C562	Opiates (qualitative)	RU 5.0	Mon-Sat 1	TIA
C700	TBPE	RU 5.0	Mon-Sat 1	Colorimetry
E604	Nicotine metabolite	S 1.0	Mon-Fri 1	CIA
E603		RU 1.0		
C152	Alcohol (ethanol)	EDTA P 1.0 S 1.0	Mon-Sat 1	Enzymatic assay
C441	Al (aluminum)	Heavy metals exclusive tube S 1.0	Mon, Thu 2	ICP-MS
		24hU 5.0 (No addition)		
		RU 3.0 (No addition)		
L575	As (arsenic)	EDTA WB 3.0 Heparin WB 3.0 Trace element exclusive tube WB 5.0	Tue, Fri 2	ICP-MS
C442	Cd (cadmium)	EDTA WB 2.0 Heparin WB 2.0 Heavy metals exclusive tube WB 2.0	Tue, Fri 2	ICP-MS
		24hU 5.0 (No addition)		
		RU 3.0 (No addition)		
B593	Cobalt	Heavy metals exclusive tube S 1.0	Mon, Thu 2	ICP-MS
		24hU 5.0(No addition)		
		RU 3.0 (No addition)		
C444	Cr (chromium)	Heavy metals exclusive tube S 1.0	Mon, Thu 2	ICP-MS
		24hU 5.0 (No addition)		
		RU 3.0 (No addition)		
C445	Cu (copper)	Heavy metals exclusive tube S 1.0	Mon, Wed, Fri 1	ICP-MS
24hU 5.0				
C450		RU 3.0 (No addition)		
C446	Hg (mercury)	EDTA WB 2.0 Heparin WB 2.0 Heavy metals exclusive tube WB 2.0	Tue, Fri 2	ICP-MS
		24hU 5.0 (No addition)		
		RU 3.0 (No addition)		
S567		Hair 0.3g	Mon-Fri 7	
C447	Li (lithium)	Special containe S 1.0	Mon-Sat 1	AAS

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
C449	Mn (manganese)	Heavy metals exclusive tube S 1.0	Mon, Thu 2	ICP-MS
		24hU 5.0 (No addition)		
		RJ 3.0 (No addition)		
N880		Heavy metals exclusive tube WB 2.0	Tue, Fri 2	
X521	Nickel	Heavy metals exclusive tube S 1.0	Mon, Thu 2	ICP-MS
C451	Pb (lead)	EDTA WB 2.0	Tue, Fri 2	ICP-MS
		Heparin WB 2.0		
		Heavy metals exclusive tube WB 2.0		
		24hU 5.0 (No addition)		
		RJ 3.0 (No addition)		
S566		Hair 0.3g	Mon-Fri 7	
H189	Selenium	Heavy metals exclusive tube S 1.0	Mon, Thu 1	ICP-MS
C452	Zn (zinc)	Heavy metals exclusive tube S 1.0	Mon-Fri 1	ICP-MS
		24hU 5.0 (No addition) Refrigerated		
C459		RJ 3.0 (No addition) Refrigerated		
E534	Cu (tissue)	Tissue more than 0.1mg Refrigerated	Mon-Fri 7	ICP-MS
Z007	Iron (tissue)	Tissue 0.01mg (more than 2cm)	Mon-Fri 7	AAS
X618	Molybdenum	Heavy metals exclusive tube S 1.0	Mon, Thu 2	ICP-MS
L459	Blood, heavy metals 4 types test	Heavy metals exclusive tube WB 5.0	Tue, Fri 3	ICP-MS
L941	Blood, heavy metals & Mineral 13 types test(Trace element analysis)	Heavy metals exclusive tube WB 5.0 & Heavy metals exclusive tube S 5.0	Tue, Thu 4	ICP-MS
L942	Blood, heavy metals & Mineral 13 types test (follow up)	Heavy metals exclusive tube WB 5.0 & Heavy metals exclusive tube S 5.0		
X979	Hair, heavy metals & Mineral 40 types test(element analysis, hair)	More than hair of 0.3g	Mon, Thu 5	ICP-MS
X043	Adequacy test blood dialysate (fine material)	Dialysis water 100.0	Mon 7	ICP-MS

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Pregnancy associated

Pregnancy associated

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
E900 E901	First double marker	PAPP-A Free β -hCG	S 0.5 S 0.5	Mon-Fri 2 CIA
E545 E546 E547	Triple marker	AFP hCG Free E3	S 1.0	Mon-Sat 3 CIA
S163 S164 S162 S883	Quad test	AFP hCG Free E3 Inhibin A	S 1.0	Mon-Sat 3 CIA
C214 C215 C216 C217 C218	Integrated test	PAPP-A AFP hCG Free E3 Inhibin A	S 0.5 S 1.0	Mon-Fri 2 Mon-Sat 3 CIA
C219 C220 C221 C222 C223 C224	Sequential test	PAPP-A Free β -hCG AFP hCG Free E3 Inhibin A	S 0.5 S 0.5 S 1.0	Mon-Fri 2 Mon-Sat 3 CIA
K874 K875	Pre-eclampsia	PAPP-A (10-13 weeks) PIGF (10-13 weeks)	S 1.0	Mon, Wed, Fri 2 FIA
N638 N639 N062	sFit-1/PIGFratio (pre-eclampsia risk, after 20 weeks)	sFit-1 (pre-eclampsia risk, after 20 weeks) PIGF (pre-eclampsia risk, after 20 weeks) sFit-1/PIGF ratio (pre-eclampsia risk, after 20 weeks)	S 1.0	Mon-Fri 1 ECLIA
C156	Inhibin-A		S 0.7 EDTA P 0.7	Mon-Sat 2 CIA

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Infectious disease

Infectious disease

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
B415	Bacterialvaginosis	Smear slide/submit 1	Mon-Sat 1	Gram stain and microscopy
B101	Gram stain	RU 5.0 Specimen from infectious areas	Mon-Sat 1	Microscopy
M410	India ink	CSF 2.0	Mon-Sat 1	Microscopy
B413	Candida spp. culture	Specimen from infectious areas	Mon-Sat 4	Culture
L882	CRE culture	Rectal swab Stool 5.0g	Mon-Sat 4	Culture
N465	CRE culture [Gastrointestinal, Disc diffusion sensitivity test]	Rectal swab Stool 5.0g		Culture, Disc diffusion sensitivity test
B410	Enterococcus spp. culture	Specimen from infectious areas	Mon-Sat 4	Culture
B129	For anaerobic culture	Specimen from infectious areas	Mon-Sat 7	Culture
M722	GBS culture	Urine Rectal swab Cervix swab Vaginal discharge Vaginal-Rectal swab	Mon-Sat 4	Culture
N467	GBS culture [Urogenital, Disc diffusion sensitivity test]	Urine Rectal swab Cervix swab Vaginal discharge Vaginal-Rectal swab		Culture, Disc diffusion sensitivity test
N468	GBS culture [Urogenital, Antibiotics sensitivity test]	Urine Rectal swab Cervix swab Vaginal discharge Vaginal-Rectal swab		Culture, Antibiotics sensitivity test
S708	N. gonorrhoeae culture	Specimen from infectious areas	Mon-Sat 7	Culture
N469	N.gonorrhoeaeculture [Urogenital, Disc diffusion sensitivity test]	Urogenital specimens		Culture, Disc diffusion sensitivity test
B121	Ordinary culture	Specimen from infectious areas	Mon-Sat 4	Culture
B500	VRE Culture	Stool 5.0g Rectal swab	Mon-Sat 4	Culture
N466	VRE culture [Gastrointestinal, Disc diffusion sensitivity test]	Stool 5.0g Rectal swab		Culture, Disc diffusion sensitivity test
N483	VRE culture [Gastrointestinal, Antibiotics sensitivity test]	Stool 5.0g Rectal swab		Culture, Antibiotics sensitivity test
B141	Blood culture and identification	Newborn Blood 4.0 Adults Blood 10.0	Mon-Sat 5	Culture (continuously monitoring blood culture system)
N470	Blood culture and identification [Blood, body fluid, Disc diffusion sensitivity test]	Newborn Blood 4.0 Adults Blood 10.0		Culture, Disc diffusion sensitivity test
N471	Blood culture and identification [Blood, body fluid, Antibiotics sensitivity test]	Newborn Blood 4.0 Adults Blood 10.0		Culture, Antibiotics sensitivity test

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
N758	Blood culture and identification (pediatric) [Disc diffusion sensitivity test]	Pediatric Blood 4.0	Mon-Sat 5	Culture, disc diffusion sensitivity test
N759	Blood culture and identification (pediatric) [Antibiotics sensitivity test]	Pediatric Blood 4.0		Culture, antibiotics sensitivity test
S304	Cryptococcal Ag	S0.5 CSF0.5	Mon-Sat 1	LAI
B122	Antibiotic sensitivity	Microorganism	Mon-Sat 4	Antibiotic sensitivity (disk diffusion)
N229	Modified Hodge test	Microorganism	Mon-Sat 3	Disk diffusion
B337	Antifungal sensitivity	Microorganism	Mon-Sat 3	Antibiotic sensitivity (MIC)
B405	Minimum inhibitory concentration	Microorganism	Mon-Sat 4	Antibiotic sensitivity (MIC)
N558	E.coli 0157 culture [Gastrointestinal, Disc diffusion sensitivity test]	Specimen from infectious areas	Mon-Sat 5	Culture, Disc diffusion sensitivity test
N559	E.coli 0157 culture [Gastrointestinal, Antibiotics sensitivity test]	Specimen from infectious areas		Culture, Antibiotics sensitivity test

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
N427	Ordinary culture [Amniotic fluid, Disc diffusion sensitivity test]	Amniotic fluid 5.0	Mon-Sat 4	Culture, Disc diffusion sensitivity test
N422	Ordinary culture [Ascitic fluid, Disc diffusion sensitivity test]	Ascitic fluid 5.0		
N411	Ordinary culture [BAL, Disc diffusion sensitivity test]	Bronchoalveolar lavage		
N428	Ordinary culture [Bone marrow, Disc diffusion sensitivity test]	BM 3.0		
N414	Ordinary culture [Bronchial washing, Disc diffusion sensitivity test]	Bronchial washing		
N429	Ordinary culture [Catheter tip, Disc diffusion sensitivity test]	Catheter tip		
N419	Ordinary culture [Cervix swab, Disc diffusion sensitivity test]	Cervix swab		
N424	Ordinary culture [CSF, Disc diffusion sensitivity test]	CSF 3.0		
N423	Ordinary culture [Fluid (other), Disc diffusion sensitivity test]	Fluid (other) 5.0		
N416	Ordinary culture [Gastric juice, Disc diffusion sensitivity test]	Gastric juice		
N425	Ordinary culture [Joint fluid, Disc diffusion sensitivity test]	Joint fluid 5.0		
N433	Ordinary culture [Others, Disc diffusion sensitivity test]	Others		
N426	Ordinary culture [Pleural fluid, Disc diffusion sensitivity test]	Pleural fluid 5.0		
N437	Ordinary culture [Pus (open), Disc diffusion sensitivity test]	Pus (open)		
N436	Ordinary culture [Pus (closed), Disc diffusion sensitivity test]	Pus (closed)		
N435	Ordinary culture [Pus, Disc diffusion sensitivity test]	Pus		
N420	Ordinary culture [Random urine, Disc diffusion sensitivity test]	RU 5.0		
N415	Ordinary culture [Sputum, Disc diffusion sensitivity test]	Sputum 5.0g		
N418	Ordinary culture [Stool, Disc diffusion sensitivity test]	Stool 5.0g		
N417	Ordinary culture [Rectal swab, Disc diffusion sensitivity test]	Rectal swab		
N413	Ordinary culture [Throat swab, Disc diffusion sensitivity test]	Throat swab		
N430	Ordinary culture [Tissue, Disc diffusion sensitivity test]	Tissue		
N421	Ordinary culture [Vaginal discharge, Disc diffusion sensitivity test]	Vaginal discharge		
N431	Ordinary culture [Strains, Disc diffusion sensitivity test]	Microorganism		
N432	Ordinary culture [Wound, Disc diffusion sensitivity test]	Wound		
N412	Ordinary culture [Nasopharyngeal swab, Disc diffusion sensitivity test]	Nasopharyngeal swab		
N434	Ordinary culture [Lesion swab, Disc diffusion sensitivity test]	swab		

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
N454	Ordinary culture [Amniotic fluid, Antibiotics sensitivity test]	Amniotic fluid 5.0	Mon-Sat 4	Culture, Antibiotics sensitivity test
N449	Ordinary culture [Ascitic fluid, Antibiotics sensitivity test]	Ascitic fluid 5.0		
N438	Ordinary culture [BAL, Antibiotics sensitivity test]	Bronchoalveolar lavage		
N455	Ordinary culture [Bone marrow, Antibiotics sensitivity test]	BM 3.0		
N441	Ordinary culture [Bronchial washing, Antibiotics sensitivity test]	Bronchial washing		
N456	Ordinary culture [Catheter tip, Antibiotics sensitivity test]	Catheter tip		
N446	Ordinary culture [Cervix swab, Antibiotics sensitivity test]	Cervix swab		
N451	Ordinary culture [CSF, Antibiotics sensitivity test]	CSF 3.0		
N450	Ordinary culture [Fluid (other), Antibiotics sensitivity test]	Fluid (other) 5.0		
N443	Ordinary culture [Gastric juice, Antibiotics sensitivity test]	Gastric juice		
N452	Ordinary culture [Joint fluid, Antibiotics sensitivity test]	Joint fluid 5.0		
N460	Ordinary culture [Others, Antibiotics sensitivity test]	Others		
N453	Ordinary culture [Pleural fluid, Antibiotics sensitivity test]	Pleural fluid 5.0		
N463	Ordinary culture [Pus (closed), Antibiotics sensitivity test]	Pus (closed)		
N464	Ordinary culture [Pus (open), Antibiotics sensitivity test]	Pus (open)		
N462	Ordinary culture [Pus, Antibiotics sensitivity test]	Pus		
N447	Ordinary culture [Random urine, Antibiotics sensitivity test]	RU 5.0		
N444	Ordinary culture [Rectal swab, Antibiotics sensitivity test]	Rectal swab		
N442	Ordinary culture [Sputum, Antibiotics sensitivity test]	Sputum 5.0g		
N445	Ordinary culture [Stool, Antibiotics sensitivity test]	Stool 5.0g		
N440	Ordinary culture [Throat swab, Antibiotics sensitivity test]	Throat swab		
N457	Ordinary culture [Tissue, Antibiotics sensitivity test]	Tissue		
N448	Ordinary culture [Vaginal discharge, Antibiotics sensitivity test]	Vaginal discharge		
N459	Ordinary culture [Wound, Antibiotics sensitivity test]	Wound		
N458	Ordinary culture [Strains, Antibiotics sensitivity test]	Microorganism		
N439	Ordinary culture [Nasopharyngeal swab, Antibiotics sensitivity test]	Nasopharyngeal swab		
N461	Ordinary culture [Lesion swab, Antibiotics sensitivity test]	swab		

GC Labs code	Test Item		Specimen (mL)	Test Schedule Analytical Time	Test Method
X716	Mycoplasma & Ureaplasma Culture		Specimen from infectious areas RU 5.0	Mon-Sat 3	Culture
G246	Chlamydia culture		swab	Mon,Wed, Fri 3	Culture
B133	Clostridium culture		Stool 10.0g	Mon-Sat 4	Culture
B143	Endotoxin quantitative		Exclusive tube dialysate 5.0 Puffey water 5.0	Mon,Wed, Fri 1	Kinetic turbidimetric
B142	Dialysate culture		Dialysate more than 5.0	Mon-Sat 7	Culture
B105	Air culture		Environmental samples (Sterilisers operating room specimens)	Mon-Sat 7	Culture
S101	ASO (Qual)		S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	TIA
S831	ASO (Quan)		S 0.5 EDTA P 0.5 Heparin P 0.5		
S455	Korea virus 3 types	Leptospira Ab	S 0.5	Mon-Sat 1	ICA
S417		Hantaan virus Ab (quantitative)	S 0.5		Fluorescent antibody test
S706		O. tsutsugamushi Ab	S 0.5		
S792	Korea virus 4 types	Leptospira Ab (MAT)	S 0.5	Mon,Wed, Fri 1	MAT
S791		Hantaan Ab	S 0.5		Fluorescent antibody test
S794		O. tsutsugamushi (scrub typhus)	S 0.5		
S793		R. typhi (murine typhus)	S 0.5		
S458	Mycoplasma Ab		S 0.5	Mon-Sat 1	HA
B002	Legionella urinary Ag		RU 5.0	Mon-Fri 1	ICA
B001	Pneumonia urinary Ag		RU 5.0	Mon-Fri 1	ICA
S115	Widal test		S 0.5	Mon-Sat 1	LAI
S789	Chlamydia pneumoniae IgG		S 0.5	Tue, Fri 1	ELISA
S790	Chlamydia pneumoniae IgM		S 0.5		
S881	Chlamydia trachomatis Ab IgG		S 0.5	Tue, Fri 1	ELISA
S882	Chlamydia trachomatis Ab IgM		S 0.5		
C548	Mycoplasma pneumoniae IgG		S 1.0	Mon-Sat 1	CIA
C549	Mycoplasma pneumoniae IgM		S 1.0		
H527	Giemsa stain		Tissue paraffin block	Mon-Sat 5	Diff-Quic stain for H.pylori
S697	H.Pylori Ag		Stool 2.0g	Tue 1	ICA
S731	H. pylori IgG		S 0.5	Mon-Fri 1	EIA
S474	H. pylori IgM		S 0.5		

GC Labs code	Test Item		Specimen (mL)	Test Schedule Analytical Time	Test Method
E404	Urea breath test (helifinder)		Urea breath test	Mon-Sat 1	GC/MS
B164	C.difficile toxin A,B		Stool 5.0g	Mon-Fri 1	EIA
S678	Chlamydia pneumoniae PCR		Suspected area sample	Mon,Thu 2	PCR
M052	Gardnerella vaginalis PCR		swab RU 5.0	Mon-Sat 1	PCR
M727	Haemophilus ducreyi PCR		swab RU 5.0	Mon-Sat 1	PCR
M728	Mycoplasma genitalium PCR		swab RU 5.0	Mon-Sat 1	PCR
Z127	Mycoplasma hominis PCR		swab RU 5.0	Mon-Sat 1	PCR
S683	Neisseria gonorrhoeae PCR		swab RU 5.0	Mon-Sat 1	PCR
S934	Ureaplasma urealyticum PCR		swab RU 5.0	Mon-Sat 1	PCR
S680	Mycoplasma pneumoniae PCR		Sputum Pharyngeal mucous	Mon,Thu 2	PCR
S676	Chlamydia trachomatis PCR		RU 20.0 Vagin aldischarge swab	Mon-Sat 1	PCR with hybridization
N305	Ureaplasma parvum PCR		swab RU 5.0	Mon-Sat 1	PCR
B102	AFB stain		RU 5.0 Specimen from infectious areas	Mon-Sat 1	Microscopy (fluorescence)
B126	Mycobact erial Culture	AFB culture (solid medium)	Specimen from infectious areas	Mon-Sat 60	Culture
B166		AFB culture (liquid media)		Mon-Sat 42	
B126	AFB culture (solid medium)		Specimen from infectious areas	Mon-Sat 60	Culture
B124	AFB sensitivity		Strains 5 colony, Ambient	Mon-Sat, 30	Absolute concentration
M724	Mycobacterium tuberculosis-specific antigen stimulation IFN- γ		WB 1.0	Mon,Wed, Thu,Fri,Sat 2	EIA
M522	Mycobacteria rapid identifiat		Strains	Wed,Fri 5	RT-PCR with hybridization
S876	M.TB PCR hybridization		EDTA WB 3.0 Fluid (other) 3.0 CSF 1.0 Sputum	Mon-Fri 1	PCR with hybridization
G067	M.TB PCR hybridization (tissue)		Tissue 0.3g	Mon-Fri 3	
X931	MTB & NTM		EDTA WB 3.0 Fluid (Other)3.0 CSF 1.0 Sputum	Mon-Fri 2	

GC Labs code		Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
K079	Antitubercular drugs resistance	Rifampicin	Microorganism Sputum Bronchial washing	Mon-Fri 5	RT-PCR with hybridization
		Isoniazid	Microorganism Sputum Bronchial washing		
M337 M338	Antitubercular drugs resistance (sequencing)	Rifampicin	Microorganism Sputum Bronchial washing	Mon-Fri 7	Sanger sequencing
		Isoniazid	Microorganism Sputum Bronchial washing		
Z958	Fungus test (culture & ID)	KOH mount	Specimen from infectious areas	Mon-Sat 30	Microscopy
B003		Fungus culture	Specimen from infectious areas		Culture
Z958	Fungus test (culture & ID & antibiotic sensitivity)	KOH mount	Specimen from infectious areas	Mon-Sat 30	Microscopy
N478		Fungus culture [Oral Cavity, Airway, Resp-Tract, Antibiotics sensitivity test]	Bronchial washing Bronchoalveolar lavage Sputum Throat swab Nasopharyngeal swab		Culture, Antibiotics sensitivity test
N482		Fungus culture [Other, Antibiotics sensitivity test]	Catheter tip Others Tissue Wound Pus Pus (closed) Pus (open) Microorganism swab		
N480		Fungus culture [Urogenital, Antibiotics sensitivity test]	RU 5.0 Cervix swab Vaginal discharge		
N479		Fungus culture [Gastrointestinal, Antibiotics sensitivity test]	Gastric juice Rectal swab Stool 5.0g		
N481		Fungus culture [Blood, Body Fluid, Antibiotics sensitivity test]	BM 3.0 CSF 3.0 Amniotic fluid 5.0 Ascitic fluid 5.0 Fluid (other) 5.0 Joint fluid 5.0 Pleural fluid 5.0		
M200		KOH mount	Visual identification of the specimens	Mon-Sat 1	Microscopy
Z004	Aspergillus	Ag	S 1.0 Bronchoalveolar fluid 1.0	Mon-Fri 1	EIA
X149		Ab IgG	S 0.5	Tue 1	ELISA
L958	(1-3)- β -D-glucan		S 0.5	Mon-Fri 1	Colorimetry
P001	Pneumocystis jirovecii (carinii) PCR		Bronchial washing Sputum	Mon, Thu 2	PCR
N304	Candida albicans PCR		swab RU5.0	Mon-Sat 1	PCR

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
M103	Stool parasite	Stool 5.0g	Mon-Sat 1	Microscopy (Formalin ether)
B103	Stool egg (Scotch tape)	1 slide with cellophane tape	Mon-Sat 1	Microscopy
H138	Trematodes examination	Stool 5.0g Sputum 5.0g	Mon-Sat 1	Microscopy
H651	Protozoa	Stool 5.0g	Mon-Sat 1	Microscopy
H652	Egg count	Stool 5.0g	Mon-Sat 1	Microscopy
S772	Parasite imago	Suspect samples immersed in saline or formalin	Mon-Fri 7	Microscopy
H402	Malaria	EDTA WB 3.0	Mon-Sat 1	Stain & microscopy
X881	Clonorchis sinensis Ab IgG	S 0.5	Mon-Fri 1	ELISA
X883	Cysticercosis Ab IgG	S 0.5		
X882	Paragonimus westermani Ab IgG	S 0.5		
X884	Sparganum Ab IgG	S 0.5		
S644	Parasite specific Ab IgG	S 0.5	Mon-Fri 1	ELISA
S454	Toxoplasma IgG	S 0.5	Mon-Sat 1	CIA
S471	Toxoplasma IgM	S 0.5 EDTA P 0.5 Heparin P 0.5 Sod.citrate P 0.5		
S892	Toxoplasma DNA PCR	CSF 2.0 Amniotic fluid 5.0 RU 5.0 EDTA WB 3.0	Mon-Fri 1	PCR
S625	Toxocara canis Ab, IgG	S 0.5	Fri 1	ELISA
M695	Malaria PCR screening test	EDTA WB 3.0	Mon, Wed, Fri 3	PCR
M696	Malaria plasmodium falciparum	EDTA WB 3.0		
M698	Malaria plasmodium malariae PCR	EDTA WB 3.0		
M699	Malaria plasmodium ovale PCR	EDTA WB 3.0		
M697	Malaria plasmodium vivax PCR	EDTA WB 3.0		
X579	Trichomonas vaginalis PCR	swab	Mon-Sat 1	PCR
B658	Adenovirus culture	Specimen from infectious areas	Mon, Wed, Fri 5	Shell vial culture
B705	CMV culture	Specimen from infectious areas RU 5.0 EDTA WB 3.0 CSF 2.0	Mon-Fri 3	Shell vial culture
B852	Enterovirus culture	Specimen from infectious areas CSF 2.0	Mon-Fri 7	Shell vial culture

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
B704	HSV culture	Specimen from infectious areas (VTM tube: Lesion swab, BW) CSF 3.0 Heparin WB 7.0	Mon,Wed, Fri 3	Shell vial culture
B135	Influenza A virus culture	Specimen from infectious areas CSF 2.0	Mon,Wed, Fri 5	Shell vial culture
B136	Influenza B virus culture	Specimen from infectious areas CSF 2.0		
B120	Parainfluenza virus culture	Specimen from infectious areas CSF 2.0	Mon,Wed, Fri 5	Shell vial culture
B134	RSV culture	Specimen from infectious areas CSF 2.0	Mon,Wed, Fri 5	Shell vial culture
B335	VZV culture	Specimen from infectious areas CSF 2.0	Mon,Fri 7	Shell vial culture
K495	Norovirus Ag	Stool 1.0g	Mon-Fri 1	EIA
S415	Rotavirus Ag	Stool 5.0g	Mon-Sat 1	EIA
S492	Adenovirus IgM	S 0.5	Wed 1	ELISA
S966	EBV EA-DR IgG	S 0.5	Tue,Thu 1	EIA
S721	EBV EA-DR IgM	S 0.5		
S963	EBV EBNA IgG	S 0.5		
S970	EBV EBNA IgM	S 0.5		
S427	EBV VCA IgG	S 0.5	Mon,Wed, Fri 1	
S428	EBV VCA IgM	S 0.5		
S416	Herpes IgG	S 1.0	Mon-Fri 1	CIA
S420	Herpes IgM	S 1.0		
S423	Measles IgG	S 0.5	Mon,Thu 1	ELISA
S430	Measles IgM	S 0.5		
S424	Mumps IgG	S 1.0	Mon-Fri 1	CIA
S425	Mumps IgM	S 1.0		
S413	Rubella IgG	S 0.5 EDTA P 0.5	Mon-Sat 1	CMIA
S414	Rubella IgM	S 0.5 EDTA P 0.5		
E962	Rubella IgG avidity	S 0.5	Wed 1	EIA
S429	VZV IgG	S 1.0	Mon-Fri 1	CIA
S506		CSF 1.0		
S959	VZV IgM	S 1.0		
S507		CSF 1.0		

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
S411	CMV IgG	S 0.5 EDTA P 0.5	Mon-Sat 1	CMIA
S412	CMV IgM	S 0.5 EDTA P 0.5		
S703	HTLV-I, II Ab	S 0.5	Mon,Thu 1	EIA
S704		CSF 0.5		
B108	Adenovirus Ag	Sputum Bronchial washing Specimen from infectious areas	Mon-Sat 2	DIFA
B157	Influenza virus A&BAg	Sputum Washing Specimen from infectious areas	Mon-Sat 2	DIFA
B158		Sputum Washing Specimen from infectious areas		
B110	Parainfluenza virus Ag	Sputum Bronchial washing Specimen from infectious areas	Mon-Sat 2	DIFA
B106	Respi.V. Ag Screening 5 types	Sputum Bronchial washing Specimen from infectious areas	Mon-Sat 2	DIFA
B109	RSV Ag	Sputum Bronchial Washing Specimen from infectious areas	Mon-Sat 2	DIFA
Z995	CMV antigenemia	Heparin WB 10.0 EDTA WB1 0.0	Tue-Sat 1	IIFA
K084	BK virus PCR	RU 5.0 EDTA P 1.5 CSF 1.0	Mon,Thu 2	PCR
K085	JC virus PCR	RU 5.0 EDTA P 1.5 CSF 1.0	Mon,Wed, Fri 2	
H171	Polyomavirus PCR	RU 5.0 CSF 1.0 EDTA P 1.5	Mon,Wed, Fri 2	PCR
S628	EBV DNA PCR	CSF 1.0 EDTA WB 5.0	Mon,Thu 2	PCR
P540	EBV PCR 정량	EDTA P 2.0		Real-time PCR
S747	HSV PCR	swab EDTA WB 3.0 CSF 0.5 Amniotic fluid 3.0	Mon-Fri 1	PCR
S862	HSV type 1 PCR	swab EDTA WB 3.0 CSF 1.0	Mon-Fri 1	PCR
S863	HSV type 2 PCR	swab EDTA WB 3.0 CSF 1.0		
S653	Human herpes virus type 6 PCR	S0.5 EDTAWB3.0 CSF0.8	Mon 4	PCR

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
Z006	VZV DNA PCR	EDTAWB3.0 CSF0.3 swab Tissue Amniotic fluid1.0	Mon-Fri 1	PCR
S874	HPV PCR	swab	Mon-Fri 2	PCR
S139	HPV type 16 PCR	swab	Mon,Wed, Fri 2	
S138	HPV type 18 PCR	swab		
D126	HPV genotyping (real-time PCR)	swab	Mon-Fri 1	Real-time PCR with probe hybridization
S391	HPV Probe (HCS)	swab	Mon,Thu 1	Hybrid capture (CMHA)
S642	Parvovirus B19 PCR	EDTAWB3.0 S1.0 EDTAP1.0	Tue 2	PCR
S588	Enterovirus PCR	CSF1.0 Stool0.5g	Mon-Sat 1	RT-PCR
S739	Rubella PCR	EDTA WB 5.0 Amniotic fluid 3.0	Mon,Wed, Fri 2	RT-PCR
S137	CMV PCR	EDTA P 2.0	Mon,Wed, Fri 2	Real-time PCR
M057	CMV real-time PCR quantitative	EDTA P 2.0		
L822	Zika virus PCR	S 2.0 RU 10.0	Mon-Sat 1	Real-time RT-PCR
S928	Hantaan virus PCR	S 0.5	Mon-Fri 5	RT-nested PCR
L243	MERS-CoV genetic test	Sputum Bronchoalveolar lavage Bronchial washings or aspirates, etc	Mon-Fri 1	Real-time RT-PCR
X231	BK virus real time PCR quantitative (RU)	RU 5.0	Mon,Thu 2	Real-time PCR
X233		EDTA WB 3.0		
N034	Influenza panel	Nasopharyngeal aspirate Nasopharyngeal swab	Mon-Sat 1	RT-PCR
G210	Screening test of acute diarrhea causing bacteria	Stool 5.0g	Mon-Sat 1	Multiplex real-time RT PCR
G221	Screening test of acute diarrhea causing bacteria	Stool 5.0g	Mon-Sat 1	Multiplex PCR
G090	Screening test for bacterial meningitis pathogens 5 types PCR	CSF 0.5	Mon-Sat 1	Multiplex PCR
N797	Screening test for viral meningitis pathogens 7 types PCR	CSF 0.5	Mon-Sat 1	Multiplex PCR
G290	Screening test for bacterial pneumonia pathogens	Respiratory specimens Sputum CSF 1.0 Pharyngeal mucous	Mon-Sat 1	Multiplex PCR
L901	Respiratory virus PCR 15 types(critically ill neonate)	Nasopharyngeal swabs Nasal swabs Throat swabs Nasal aspirates	Mon-Sat 1	Multiplex real-time PCR with probe hybridization
K453	Respiratory virus PCR 15 types	Nasopharyngeal swabs Nasal swabs Throat swabs Nasal aspirates	Mon-Sat 1	Multiplex real-time PCR with probe hybridization

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
L117	STD 6 type (Multiplex real-time PCR)	swab RU 5.0	Mon-Sat 1	Multiplex real-time PCR
L735	STD 12 types [Multiplex real-time PCR]	Swab RU 5.0	Mon-Sat 1	Multiplex real-time PCR
K339	STI-women (24 types)	swab RU 5.0	Mon-Fri 4	Multiplex PCR
K364	STI-men (16 types)	swab RU 5.0	Mon-Sat 4	Multiplex PCR
S019	RPR (precision)	S 1.0	Mon-Sat 1	TIA
S020	TPLA (precision)	S 1.0		
S440	FTA-ABS IgG	S 0.5	Mon-Fri 1	
S472	FTA-ABS IgM	S 0.5		Fluorescent antibody test
S679	Treponema pallidum PCR	swab RU 5.0	Mon-Sat 1	PCR
S103	HBs Ag (general)	S 0.5 EDTA P 0.5	Mon-Sat 1	General clinical examination
E526	HBs Ag (precision)	S 0.5 EDTA P 0.5	Mon-Sat 1	CMIA
S104	HBs Ab (general)	S 0.5 EDTA P 0.5	Mon-Sat 1	General clinical examination
E527	HBs Ab (precision)	S 0.5 EDTA P 0.5	Mon-Sat 1	CMIA
X706	HAV Ab IgG	S 0.2 EDTA P 0.5	Mon-Sat 1	CMIA
S407	HAV Ab IgM	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	CMIA
L151	HCV Ab (precision)	S 0.5 EDTA P 0.5	Mon-Sat 1	CMIA
S634	HCV immuno blot assay	S 0.5	Tue 1	Line immunoassay (Immunoblot)
E528	HBc Ab	S 0.5 EDTA P 0.5	Mon-Sat 1	CMIA
E529	HBc Ab IgM	S 0.5 EDTA P 0.5	Mon-Sat 1	CMIA
E530	HBe Ag	S 0.5 EDTA P 0.5	Mon-Sat 1	CMIA
E531	HBe Ab	S 0.5 EDTA P 0.5	Mon-Sat 1	CMIA
S408	Anti delta Ab (HDV Ab)	S 0.5	Thu 1	EIA
S306	HEV IgG	S 0.5	Fri 1	EIA
S334	HEV IgM	S 0.5		
S132	HBV DNA PCR	S 0.5	Mon-Sat 1	PCR
M700	HCV RT-PCR	S 1.0 EDTA P 1.0	Mon-Fri 2	RT-PCR with hybridization
S606	HBV DNA real-time PCR quantitative	S 2.0 EDTA P 2.0	Mon-Sat 1	Real-time PCR
H977	HCV RNA (quantitative)	S 2.0 EDTA P 2.0	Mon-Fri 2	Real-time PCR

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
N340	HCV genotype	S 3.0	Mon-Fri 2	RT-PCR with hybridization
K599	HBVDrug-resistantmutants24	S 1.0	Mon-Fri 3	Sanger sequencing
L265	HCV 1b NS5A L31/Y93 drug resistance test	S 3.0	Mon,Wed, Fri 5	Sanger sequencing
S418	HIV Ag/Ab (combo)	S 1.0 EDTA P 1.0	Mon-Sat 1	CMIA
S650	HIV Ag	S 0.5 EDTA P 0.5	Fri 1	ECLIA
M344	HIV RNA quantitative	EDTA P 2.0	Tue 2	RT-PCR



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Immunology

Immunology

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
S444	CH50	S 0.5	Mon-Sat 1	Enzymatic assay
S999	C1 inhibitor (inactivator)	S 0.5	Tue,Thu 1	NIA
S442	C3	S 0.5	Mon-Sat 1	TIA
S443	C4	S 0.5	Mon-Sat 1	TIA
C422	IgA	S 0.5	Mon-Sat 1	TIA
C424	IgD	S 0.5	Mon-Fri 1	TIA
C421	IgG	S 0.5	Mon-Sat 1	TIA
S520		CSF 0.5		
S121	IgG Subclass I	S 1.0	Mon-Fri 1	TIA
S122	IgG Subclass II	S 1.0		
S123	IgG Subclass III	S 1.0		
S124	IgG Subclass IV	S 1.0		
S230	IgG index (serum + CSF)	S 0.5 & CSF 0.5	Mon-Sat 1	Calculation
C423	IgM	S 0.5	Mon-Sat 1	TIA
C425	Total IgE	S 0.5	Mon-Sat 1	FEIA
S715	MAST allergy	S 0.5	Mon-Sat 1	Line immunoassay (Immunoblot)
	Specific IgE	S 0.5	Mon-Sat 1	FEIA
	Specific IgG4	S 0.5	Mon,Thu 1	
I577	Phadiatop	S 0.5	Mon-Sat 1	FEIA
I184	Phadiatop infant	S 0.5		
S600	Eosinophil cationic protein	S 1.0	Mon-Sat 1	FEIA
G152	IgG4 food antibodies (Korean panel)	S 0.5	Mon-Fri 3	ELISA
L461	NK cell activity test	Special container P 0.5	Mon-Fri 1	ELISA
S111	RA Factor (qualitative)	S 0.5 EDTA P 0.5 Heparin P 0.5	Mon-Sat 1	TIA
S112	RA Factor (quantitative)	S 0.5 EDTA P 0.5 Heparin P 0.5		
H417	Cryoglobulin	S 0.5	Mon-Sat 3	Cold precipitation

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
S452	FANA	S 0.5	Mon-Sat 1	Fluorescent antibody test
S449	FANA (quantitative)	S 0.5		
S125	Anti Jo-1 Ab	S 0.5	Mon-Fri 1	FEIA
B342	Ribosomal P Ab	S 0.5	Mon-Fri 1	FEIA
S513	RNP-Ab	S 0.5	Mon-Fri 1	FEIA
S953	Anti SCL 70 Ab	S 0.5	Mon-Fri 1	FEIA
S516	Sm-Ab	S 0.5	Mon-Fri 1	FEIA
S514	SS-A/Ro Ab	S 0.5	Mon-Fri 1	FEIA
S515	SS-B/La Ab	S 0.5		
S981	Anti centromere Ab	S 0.5	Mon-Sat 1	FEIA
S488	Anti histone Ab	S 1.0	Mon 1	EIA
S451	Anti ds-DNA Ab IgG	S 0.5	Mon-Fri 1	FEIA
E685	Anti ds-DNA Ab IgM	S 0.5	Mon 1	EIA
S332	Anti cardiolipin IgA	S 0.5	Mon,Thu 1	EIA
S494	Anti cardiolipin IgG	S 0.5	Mon-Fri 1	
S495	Anti cardiolipin IgM	S 0.5		
S732	Anti phospholipid IgG	S 0.5 Sod.citrate P 0.5	Mon,Thu 1	EIA
S784	Anti phospholipid IgM	S 0.5 Sod.citrate P 0.5		
S094	Anti β2-GPI IgG	S 0.5	Mon-Fri 1	EIA
S095	Anti β2-GPI IgM	S 0.5		
H420	Anti platelet Ab	S 0.5	Mon,Thu 1	Fluorescent antibody test
S475	Platelet associated Ab	EDTA WB 10.0		
S924	ANCA (antineutrophilcytoplasmicantibody)	S 0.5	Mon-Fri 1	Fluorescent antibody test
S231	ANCA (quantitative)	S 0.5		FEIA
B151	ANCA (PR3 Ab)	S 0.5		
B152	ANCA (MPO Ab)	S 0.5		
S719	Anti GBM Ab	S 0.5	Mon-Fri 1	FEIA
S435	Anti mitochondrial Ab	S 0.5	Mon-Sat 1	Fluorescent antibody test
S804	Anti LKM-1 Ab	S 0.5	Tue 1	Fluorescent antibody test

GC Labs code	Test Item		Specimen (mL)	Test Schedule Analytical Time	Test Method
S439	Smooth muscle Ab		S 0.5	Mon-Sat 1	Fluorescent antibody test
S958	Insulin Ab		S 0.5	Tue,Thu 1	RIA
S626	Anti GAD Ab		S 0.5	Tue,Thu 1	IRMA
S968	Anti-Islet cell cytoplasmic antibody		S 0.5	Tue 1	Fluorescent antibody test
S807	Anti-intrinsic factor antibody		S 0.5	Tue 1	EIA
S978	ASCA (Saccharomyces Ab)	ASCA IgA	S 0.5	Thu 1	ELISA
		ASCA IgG	S 0.5		
S707	Acetylcholine receptor Ab		S 0.5	Thu 1	RIA
S518	Anti gastric parietal Ab		S 0.5	Mon-Sat 1	Fluorescent antibody test
E414	Paraneoplastic auto Ab		S 1.0	Mon,Wed,Fri 1	Immunoblot assay
S662	Anti GM1 IgG isotype		S 0.5	Mon-Fri 1	Line immunoassay (Immunoblot)
S663	Anti GM1 IgM isotype		S 0.5		
X729	Ganglioside Ab IgG panel	Anti GM1 IgG isotype	S 0.5	Mon-Fri 1	Line immunoassay (Immunoblot)
		Anti GD1b IgG isotype			
		Anti GQ1b IgG			
X727	Ganglioside Ab IgM panel	Anti GM1 IgM isotype	S 0.5		
		Anti GD1b IgM isotype			
		Anti GQ1b IgM			
S661	Anti MAG Ab		S 0.5	Mon 1	ELISA
S610	Anti CCP		S 1.0	Mon-Fri 1	FEIA
N641	Anti PLA2R IgG		S 0.5	Tue 1	ELISA (Enzyme-Linked Immunosorbent Assay)
X620	HLA-A (DNA-low resolution)		EDTA WB 5.0	Tue,Fri 5	Sanger sequencing
X567	HLA-B (DNA-low resolution)		EDTA WB 5.0		
K061	HLA-C (DNA-low resolution)		EDTA WB 3.0		
S761	HLA-ABC (DNA-low resolution)		EDTA WB 5.0		
S754	HLA-DRB (DNA-low resolution)		EDTA WB 3.0		
N230	HLA-ABC, DRB (DNA-low resolution)		EDTA WB 5.0		

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
Z015	HLA-A (DNA-high resolution)	EDTA WB 3.0	Mon-Fri 10	Sanger sequencing
Z016	HLA-B (DNA-high resolution)	EDTA WB 3.0		
Z017	HLA-C (DNA-high resolution)	EDTA WB 3.0		
Z957	HLA-DR (DNA-high resolution)	EDTA WB 3.0		
N231	HLA-ABC, DR (DNA-high resolution)	EDTA WB 3.0		
S501	HLA-B27	EDTA WB 3.0	Mon-Fri 2	Real-time PCR
A030	PRA screening (Class I)	S 0.5	Mon 4	FIA
M741	PRA screening (Class II)	S 0.5		
M742	PRA ID (Class I)	S 0.5		
M743	PRA ID (Class II)	S 0.5		
G161	HLA single antigen identification tests I	S 2.0	Mon 4	FIA
G162	HLA single antigen identification tests II	S 2.0		

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Immunohistochemistry

Immunohistochemistry

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
	Immunohistochemical stain	paraffin block Unstained slide	Mon-Sat 5	Immunohistochemical stain

Immunohistochemical Stain List

GC Labs code	Histopathologic mapping of tumor	GC Labs code	Histopathologic mapping of tumor
K550	Bcl-2	X746	E-cadherin
K551	Bcl-6	X743	EGFR
K191	Calponin	S419	EMA
K192	Calretinin	K057	Galectin 3
K411	CD3	X749	HBME-1
K412	CD5	X745	HER-2 (C-erb B2)
K553	CD10	X932	HMB45
K413	CD15	X750	HMM-CK
K554	CD20	K562	HSV
K414	CD30	K563	Kappa
H707	CD34	X754	Ki-67
X906	CD45/LCA	K564	Lambda
X753	CD56	K416	Melan A
H542	CD68	K417	MLH1
K558	CD79a	K565	MPO
K559	CD138	K418	MSH2
X842	CEA	K419	MSH6
X751	Chromogranin A	X755	p16
H533	CK (AE1/AE3)	K568	P504S
X748	CK19	X744	p53
X844	CK20	K567	p57
X840	CK5/6	X843	p63
X841	CK7	H530	S-100
X747	c-KIT (CD117)	H537	SMA
X943	CMV	X752	Synaptophysin
K560	CyclinD1	K056	TTF-1
K415	D2-40	H113	Vimentin
H538	Desmin		

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Human genetics

Human genetics

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
S875	Apo E genotype	EDTA WB 3.0	Mon-Fri 3	Allele-specific PCR
S160	SRY gene	EDTA WB 5.0	Tue 3	PCR
M684	Prothrombin G20210A mutation	EDTA WB 3.0	Tue 3	PCR with hybridization
M683	Factor V leiden mutation	EDTA WB 3.0	Tue 3	PCR with hybridization
N041	MTHFR A1298C	EDTA WB 3.0	Tue 3	PCR with hybridization
M672	MTHFR C677T	EDTA WB 3.0	Tue 3	PCR with hybridization
X779	Avellino corneal dystrophy mutation	EDTA WB 5.0 oralcavity swab	Mon-Sat 1	PCR with hybridization
Z906	SCA 1	EDTA WB 3.0	Mon-Fri 14	PCR-PAGE
Z907	SCA 2	EDTA WB 3.0		
Z908	SCA 3	EDTA WB 3.0		
Z909	SCA 6	EDTA WB 3.0		
Z910	SCA 7	EDTA WB 3.0		
N232	SCA 1,2,3,6,7	EDTA WB 3.0		
B341	Thalassemia mutation	EDTA WB 6.0	Mon-Fri 15	Sanger sequencing
N131	TTR gene mutation	EDTA WB 3.0	Mon-Fri 15	Sangersequencing
M340	CYP2C9 major polymorphism	EDTA WB 3.0	Mon-Fri 5	Sanger sequencing
M341	CYP2C19 major polymorphism	EDTA WB 3.0	Mon-Fri 5	Sanger sequencing
B661	Achondroplasia FGFR3	EDTA WB 5.0	Mon-Sat 7	Sanger sequencing
M720	Congenital deafness genes (GJB)	Adult: EDTA WB 2.0 Neonatal: Blood paper	Mon-Fri 3	Allele-specific PCR
X237	GJB2 gene mutation	Adult: EDTA WB 3.0 Neonatal: EDTA WB 1.0	Mon-Fri 5	Sequencing
L002	RNF213 gene R4810K mutation	EDTA WB 3.0	Mon-Fri 7	Sanger sequencing
S233	TPMT major polymorphism	EDTA WB 3.0	Mon-Fri 10	Sanger sequencing
P535	UGT1A1 genotype, major variants (irinotecan sensitivity)	EDTA WB 3.0	Mon 5	PCR & pyrosequencing
N476	UGT1A1 gene mutation (Crigler-Najjar syndrome)	EDTA WB 3.0	Mon-Fri 14	Sanger sequencing
M342	VKORC1 genotype	EDTA WB 3.0	Mon-Fri 7	Sanger sequencing
M019	GLA gene (Fabry)	EDTA WB 3.0	Mon-Fri 21	Sanger sequencing

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
X157	HPRT1 gene mutation	EDTA WB 3.0	Mon-Fri 21	Sanger sequencing
M015	MEN1 gene mutation	EDTA WB 3.0	Mon-Sat 30	Sanger sequencing
X009	TP53 gene mutation (Li-Fraumeni syndrome)	EDTA WB 3.0	Mon-Fri 21	PCR & sequencing
G294	TP53 gene mutation family test	EDTA WB 3.0	Mon-Fri 7	
M007	PTEN	EDTA WB 3.0 EDTA BM 3.0	Mon-Sat 21	Sanger sequencing
Z141	hMLH1 genetic test	EDTA WB 5.0	Mon-Sat 30	PCR & sequencing
Z962	hMSH2 genetic test	EDTA WB 5.0		
Z166	PTPN11 gene mutation (Noonan syndrome)	EDTA WB 3.0	Mon-Fri 21	Sanger sequencing
M014	NF2 (neurofibromatosis 2)	EDTA WB 3.0	Mon-Sat 14	Sanger sequencing
Z226	CADASIL	EDTA WB 5.0	Mon-Fri 14	Sanger sequencing
P538	CADASIL family test	EDTA WB 3.0	Mon-Sat 7	
Z964	APC (familial polypoid colorec	EDTA WB 6.0	Mon 30	PCR & sequencing
Z963	Wilson disease	EDTA WB 3.0	Tue 15	Sanger sequencing
L493	Wilson disease family test	EDTA WB 3.0	Mon-Fri 7	
L047	Wilson disease (screening, neo	Blood paper 2 hole	Mon-Fri 2	Allele specific PCR
Z137	BRCA 1 genetic test	EDTA WB 3.0	Wed 14	Sequencing
Z138	BRCA 2 genetic Test	EDTA WB 3.0		
M010	BRCA family test	EDTA WB 3.0	Mon-Sat 7	Direct sequencing
L419	Myotonic dystrophy (DM1, gene scan)	EDTA WB 3.0	Wed 7	PCR & GeneScan
N274	PALB2 genetic test	EDTA WB 3.0	Mon-Fri 21	PCR & sequencing
Z131	HLA-B51	EDTA WB 3.0	Tue, Fri 2	PCR-SSP
Z041	JAK2 V617F mutation	EDTA WB 3.0 EDTA BM 3.0	Mon, Wed, Fri 3	Allele-specific PCR
M049	JAK2 gene exon 12 mutation	EDTA WB 3.0	Mon-Fri 7	Sanger sequencing
L665	MPL gene W515 mutation	EDTA WB 3.0 EDTA BM 3.0	Mon 7	Sanger sequencing
L535	CALR gene mutation	EDTA WB 3.0 EDTA BM 3.0	Mon 7	Sanger sequencing

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
M333	JAK2 gene mutation precision	EDTA WB 3.0 EDTA BM 3.0	Mon 7	Sanger sequencing
M555	PCR of Major bcr/abl	EDTA WB 5.0 EDTA BM 3.0	Mon-Fri 3	RT-nested PCR
M556	PCR of minor bcr/abl	EDTA WB 5.0 EDTA BM 3.0		
K157	Real time major BCR-ABL (IS) q	EDTA WB 3.0 EDTA BM 3.0	Tue,Fri 3	Real-time RT-PCR
S893	TEL/AML1 gene rearrangement	EDTA WB 3.0 EDTA BM 3.0	Mon-Fri 3	RT-nested PCR
S884	PML/RARA whole blood	EDTA WB 3.0PML/RARA whole blood	Mon-Fri 3	RT-nested PCR
H188	PML/RARA bone marrow	EDTA BM 3.0		
M747	PML/RARA quantitative (WB)	EDTA WB 5.0	Tue 3	Real-time RT-PCR
G229		EDTA BM 5.0		
Z020	AML1/ETO gene rearrangement	EDTA WB 3.0 EDTA BM 3.0	Mon-Fri 3	RT-nested PCR
X031	E2A-PBX1 gene rearrangement	EDTA WB 6.0 EDTA BM 3.0	Mon-Fri 3	RT-nested PCR
M053	Hemavision 28 types	EDTA WB 8.0 EDTA BM 3.0	Mon,Wed,Fri 5	RT-nested PCR
M345	BRAF mutation	aspirate (FNA) 0.2 paraffin block Tissue	Mon-Fri 3	Real-time PCR
L446	BRAF mutation (sequencing)	Paraffin block Thickness of 20µm unstain slides/submit4 + H&E Slide1	Mon-Fri 5	Sanger sequencing
K470	MSI (microsatellite instability)	paraffin block Unstain slide 20µm 두께 4장 + H&E slide 1장	Tue,Fri 4	Multiplex PCR & capillary electrophoresis
L694	EGFR (PNAclamp)	Paraffin block + H&E slide/submit 1 Thickness of 10µm unstain slides/submit5 + H&E slide/submit1 Aspirate (Thoracic puncture) Tissue (Biopsy)	Mon-Fri 3	Peptide nucleic acid mediated real-time PCR clamping method
M040	EGFR (pyrosequencing)	Paraffin block + H&E slide/submit 1 Thickness of 10µm unstain slides/submit 5 + H&E slide/submit 1 Aspirate (Thoracic puncture) Tissue (Biopsy)		PCR & pyrosequencing

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
N537	EGFR (cell-free DNA, Real-time PCR)	Special container WB 8.5	Mon, Wed, Fri 3	Real-time PCR
M563	KRAS major mutations	Paraffin block + H&E slide/submit 1 Thickness of 10µm unstain slides/submit 5 + H&E slide/submit 1 Aspirate (Thoracic puncture) Tissue (Biopsy)	Mon-Fri 3	PCR & pyrosequencing
M562	KRAS full mutation	Paraffin block + H&E slide/submit 1 Thickness of 10µm unstain slides/submit 5 + H&E slide/submit 1 Aspirate (Thoracic puncture) Tissue (Biopsy)	Mon-Fri 5	Sanger sequencing
M030	NRAS major mutations	paraffin block Thickness of 10µm unstain slides/submit 5 EDTA WB 3.0	Mon-Fri 3	PCR & pyrosequencing
M029	NRAS full mutation	paraffin block Thickness of 10µm unstain slides/submit 5 EDTA WB 3.0	Mon-Fri 5	Sanger sequencing
M678	Post-BMT	EDTA WB 3.0	Tue 7	PCR-PAGE
M677	Pre-BMT	Patient EDTA WB 3.0 & Donors EDTA WB 3.0, Patient EDTA BM 3.0 & Donors EDTA BM 3.0		
L023	T cell receptor γ gene rearra	Paraffin block EDTA WB 3.0 EDTA BM 3.0 Thickness of 20µm unstain slides/submit 4 + H&E slide/submit 1	Mon-Fri 10	PCR-PAGE
L020	IGH gene rearrangement	Paraffin block EDTA WB 3.0 EDTA BM 3.0 Thickness of 20µm unstain slides/submit 4 + H&E slide/submit 1		
M745	FLT3-ITD	EDTA WB 3.0 EDTA BM 3.0	Mon-Fri 14	Sanger sequencing & PCR fragment analysis
M746	FLT3-TKD	EDTA WB 3.0 EDTA BM 3.0		Sanger sequencing
M346	NPM1 gene mutation	EDTA WB 5.0 EDTA BM 3.0	Mon-Fri 7	Sanger sequencing

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
L025	PDGFRA gene mutation	Paraffin block Thickness of 10µm unstain slides/submit 5	Mon-Fri 10	Sanger sequencing
N040	c-KIT gene mutation	EDTA BM 3.0	Mon-Fri 15	Sanger sequencing
X757		EDTA WB 3.0		
X348	c-KIT gene mutation (tissue)	Paraffin block (thickness of 6µm tissue slides/submit 10 eppendorf tube)	Mon-Fri 10	Sanger sequencing
M347	CEBPA gene mutation	EDTA WB 3.0 EDTA BM 3.0	Mon-Fri 14	Sanger sequencing
M031	Imatinib-resistant gene (Major bcr/abl)	EDTA WB 3.0 EDTA BM 1.5	Mon-Fri 10	Sanger sequencing
S615	Fragile X PCR	EDTA WB 3.0	Mon-Fri 5	PCR & GeneScan
S557	Paternity test (2 people)	EDTA WB 3.0 oralcavity swab	Mon-Fri 3	PCR-PAGE
D745	Paternity test add	EDTA WB 3.0 oralcavity swab		
K578	ALK FISH	Paraffin block & H&E slide Unstain slide/submit 4 & H&E slide	Mon-Fri 5	FISH
K579	HER2 FISH	Paraffin block & H&E slide Unstain slide/submit 4 & H&E slide	Mon-Fri 5	FISH
N046	ALLpanel[FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
N047	AMLpanel[FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
C957	MDSpanel[FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
N049	CLLpanel[FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
N048	MMpanel[FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
S853	BCR/ABL1 fusion gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B537	CBFB/MYH11 fusion gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B539	Centromere 8 [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
K210	Centromere 12 [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B574	Chromosome 1q21 (1p32/1q21) [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B547	Chromosome 5q (5q31) [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
B546	Chromosome 7q (7q22/7q31) [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B533	Chromosome 13q (RB1, 13q14) [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B545	Chromosome 20q (20q12) [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B559	ETV6/RUNX1 (TEL/AML1) fusion gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
N042	FGFR1 gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B577	FIP1L1/PDGFRα fusion gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
C952	IGH gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B548	IGH/BCL2 gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Fri 4	FISH
B558	IGH/CCND1 fusion gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B572	IGH/FGFR3 fusion gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B573	IGH/MAF fusion gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
N043	IGH/MAFB fusion gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B553	MLL (KMT2A) gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
S541	PDGFRB gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
S481	PML/RARA fusion gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 3	FISH
L781	RPN1/MECOM fusion gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Fri 4	FISH
S869	RUNX1/RUNX1T1 (AML1/ETO) fusion gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B576	TP53 gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
B542	Cri-du-chat syndrome, del(5p) [FISH]	Heparin WB 3.0 Heparin BM 3.0	Mon-Fri 8	FISH
X795	Cri-du-chat syndrome (amniotic fluid) [FISH]	Amniotic fluid 20.0	Mon-Fri 15	
B556	Prader-Willi/Angelman syndrome, del(15q11) [FISH]	Heparin WB 5.0	Mon-Fri 8	FISH
X796	Prader-Willi/Angelman syndrome (amniotic fluid) [FISH]	Amniotic fluid 20.0	Mon-Fri 15	
B560	Williams syndrome, del(7q11) [FISH]	Heparin WB 5.0	Mon-Fri 8	FISH
X797	Williams syndrome (amniotic fluid) [FISH]	Amniotic fluid 20.0	Mon-Fri 15	

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
B536	Digeorge I, CATCH22, del(22q11.2) [FISH]	Heparin WB 5.0	Mon-Fri 8	FISH
X798	Digeorge I, CATCH22 (amniotic fluid) [FISH]	Amniotic fluid 20.0	Mon-Fri 15	
B902	Digeorge II, del(10p14) [FISH]	Heparin WB 5.0	Mon-Fri 8	FISH
H978	IGH/MYC/CEP 8 gene [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Fri 4	FISH
B570	p16, 9p21 [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
K437	MDM2 FISH	Paraffin block & H&E slide Unstain slide/submit 4 & H & E slide	Mon-Sat 5	FISH
L848	ROS1 FISH	Paraffin block & H & E slide Unstain slide/submit 4 & H & E slide	Mon-Sat 5	FISH
C955	Trisomy 18 [FISH]	Amniotic fluid 10.0 Heparin WB 5.0 Heparin BM 5.0	Mon-Fri 1	FISH
C954	Trisomy 21 & 13 [FISH]	Amniotic fluid 10.0 Heparin WB 5.0 Heparin BM 5.0	Mon-Fri 1	FISH
B561	XY [FISH]	Heparin WB 5.0 Heparin BM 5.0	Mon-Sat 4	FISH
N161	NGS-Rasopathies panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N159	NGS-Lysosomal storage disease panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N160	NGS-Inborn error of metabolism panel	EDTA WB 3.0	Mon-Fri 21	NGS (next generation sequencing)
N862	NGS-Alzheimer's disease panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N863	NGS-Maturity-Onset Diabetes of the Young, MODY panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N162	NGS-Hypothyroidism panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N157	NGS-Hereditary spastic paraplegia panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N153	NGS-Connective tissue disorder panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N151	NGS-Skeletal dysplasia panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N861	NGS-Dystonia panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N155	NGS-Myopathy panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N154	NGS-Muscular dystrophy panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
N517	NGS-Hearing loss panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N164	NGS-Epilepsy panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N147	NGS-Arrhythmia panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N158	NGS-Congenital adrenal hyperplasia panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N149	NGS-Dermatology panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N148	NGS-Cardiomyopathy panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N516	NGS-Hereditary retinopathy panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N649	NGS-Hereditary cancer syndrome panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N150	NGS-Hereditary cancer syndrome panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N156	NGS-Ataxia panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N279	NGS-Primary immune deficiency panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N361	NGS-Hypogonadotropic hypogonadism panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N152	NGS-Proportionate short stature panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N163	NGS-Coagulation panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N865	NGS-Dementia panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N864	NGS-Parkinson's disease panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N165	NGS-Charcot-Marie-Tooth disease panel	EDTA WB 3.0	Mon-Fri 30	NGS (next generation sequencing)
N515	NGS-Retinitis pigmentosa panel	EDTA WB 3.0 EDTA BM 3.0	Mon-Fri 30	NGS (next generation sequencing)
N300	NGS-Solid tumor panel I	Thickness of 10µm unstain slides/submit 6 + H & E slide/submit 1 (below 1.5cm diameter of lesion location)	Mon-Fri 21	NGS (next generation sequencing)
N518	NGS-Solid tumor panel II	Thickness of Unstain slide 10µm slides/submit 4 & H&E slide 1 or Tissue (Biopsy) & H&E slide 1	Mon-Fri 21	NGS (next generation sequencing)
N299	NGS-Myelodysplastic syndromes (MDS) panel	EDTA WB 3.0 EDTA BM 3.0	Mon-Fri 14	NGS (next generation sequencing)

GC Labs code	Test Item	Specimen (mL)	Test Schedule Analytical Time	Test Method
N298	NGS-Acute myeloid leukemia (AML) panel	EDTA WB 3.0 EDTA BM 3.0	Mon-Fri 14	NGS (next generation sequencing)
N866	NGS-Acute Lymphoblastic Leukemia (ALL) panel	EDTA WB 3.0 EDTA BM 3.0	Mon-Fri 14	NGS (next generation sequencing)
N867	NGS-Lymphoma panel	EDTA WB 3.0 EDTA BM 3.0 Thickness of 10µm unstained slides/submit 5 + H & E slide/submit1 Tissue (Biopsy) + H & E slide/submit 1	Mon-Fri 14	NGS (next generation sequencing)
L436	G-NIPT	EDTA P 5.0 Special containe rWB 10.0	Mon-Thu 7	NGS (next generation sequencing)
L860	Newborn genome screening test	EDTA WB 0.5EDTA Cord Blood 0.5 Capillary tube (heparin) 2ea	Mon-Thu 7	Genome analysis
M012	QF-Ch (AF)	Amniotic fluid 20.0	Mon-Sat 11	QF-PCR & culture
M008	QF-PCR 21 (Down rapid)	Amniotic fluid 20.0	Mon-Sat 2	PCR-PAGE
M009	QF-PCR 21,18,13 (aneuploidy 3)	Amniotic fluid 20.0		
M011	QF-PCR 21,18,13,X,Y (aneuploidy 5)	Amniotic fluid 20.0		
S456	Ch (PB)	Heparin WB 5.0	Mon-Sat 10	Cell culture
S352	Ch (AF)	Amniotic Fluid 20.0	Mon-Sat 11	
S534	Ch (cord)	Heparin Cord Blood 3.0	Mon-Sat 7	
S354	Ch CVS-D	CVS 5.0~10.0g	Mon-Sat 5	
S353	Ch CVS-L	CVS 5.0~10.0g	Mon-Sat 15	
S355	Ch (abortus)	Abortus 5.0~10.0g		
S351	Ch (hematologic BM)	BM 5.0	Mon-Sat 11	Cell culture
S460	Ch (hematologic PB)	Heparin WB 5.0 PB 5.0		

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208 Nguyen Huu Canh, Ward 22, Binh Thanh District, Ho Chi Minh City, Viet Nam
P. +84-92-763-4098 / +82-10-9367-5387 E. pjs5643@naver.com