

# GC Wellness Screening

Health Check-up for Adults & Infants

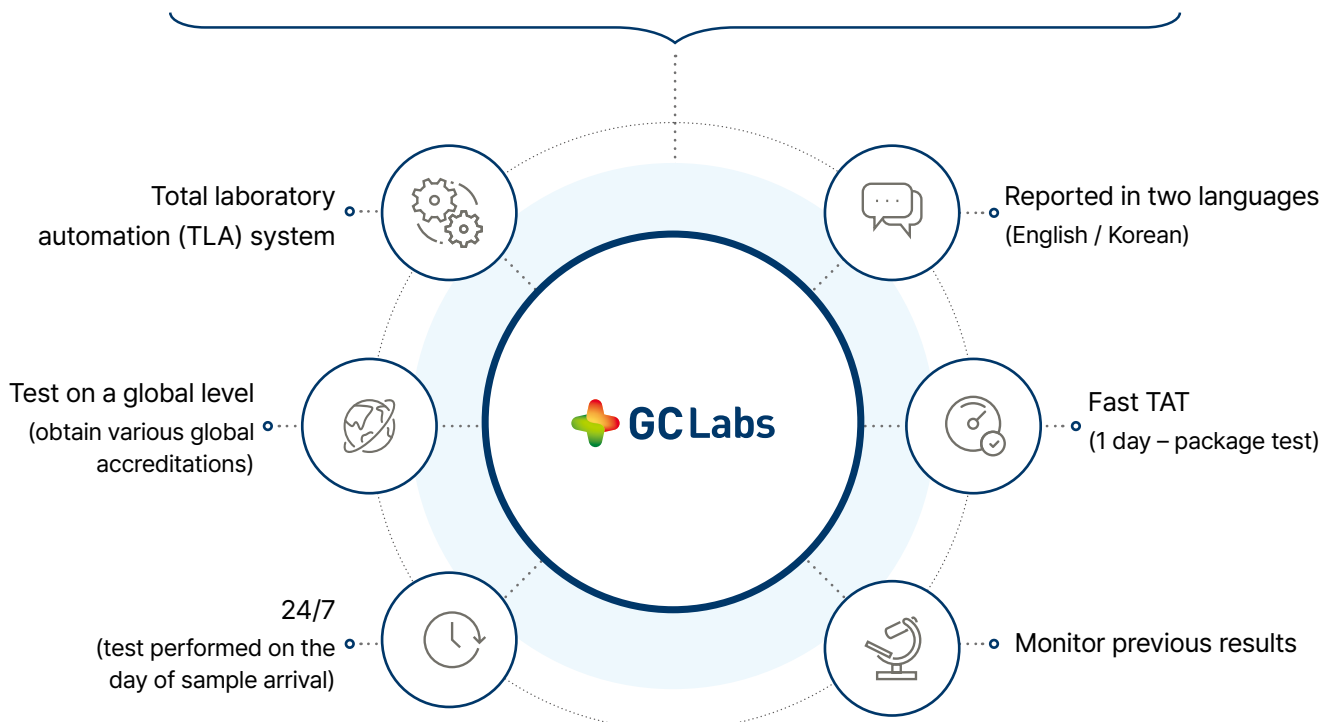


# About GC Labs

GC Labs serves as a global clinical diagnostic laboratory based on expertise and faith in field of medicine and does one's best for an accurate and rapid diagnosis and treatment.

 <p><b>Korea's 1st</b> clinical and anatomic pathology reference laboratory</p>	 <p>Provide services to <b>5,000</b> medical institute (Clinic, General Hospital, Tertiary Hospital)</p>
 <p>Since <b>1982</b> more than 40 years of history</p>	 <p><b>5,000+</b> clinical assays</p>
 <p><b>50+</b> medical doctors specialized in Laboratory medicine and Pathology</p>	 <p><b>95M</b> tests per annum are performed in GC Labs</p>

“ With preceding health checkup system under GC's technology, ”  
GC Labs will do our best to provide the best diagnosis and treatment.



## Checkup procedure



### Registration

- **Package test** : Choose 1 from [Basic/Silver/Gold/Platinum] package
- **Body measurement** : Provided from local hospital
- **Sample collection** : Blood/Urine

### Sample shipment



### Test

- **Sample analysis** : TAT 1day – besides additional test
- **Report** : Results can be checked in real time upon mutual interface
- **Sample storage** : stored for 2 weeks for any additional test



### Report

- **Online** : All reports are provided from the local hospital
- **Comments by M.D.** : Inquires are accepted only through local hospital



### Follow-up

- **Continuous health care upon test results**
- **Any follow-up test requests are available**

# Adult Package

Through various packages composed of early diagnosis and prevention, maintain your lifetime health with GC Labs.

## BASIC (19 tests) Test code Male & Female : 009



Liver function Hepatitis



Circulatory & Lipid metabolism



Renal function



Hematologic disease



## SILVER (29 tests) Test code Male : 001 / Female : 002



Ab formation in Hepatitis A, Liver cancer



Digestive cancer (Colorectal, Rectal, etc.)



Thyroid gland function



Prostate cancer



Ovarian cancer



Arteriosclerosis risk factor



Diabetes



## GOLD (43 tests) Test code Male : 003 / Female : 004



Rheumatism, Gout



Exocrine pancreatic function



Vitamin D



Urinalysis



## PLATINUM (52 tests) Test code Male : 005 / Female : 006



Heart disease, Stroke



Gastric cancer



Anemia



\* Additional tests can be selected

Related disease	Test name	B (M,F)	S (M)	S (F)	G (M)	G (F)	P (M)	P (F)
Liver cirrhosis	Protein, total							
Liver disease, Nephrotic syndrome, Innutrition	Albumin							
Icteric liver disease	Bilirubin, total							
	Indirect Bilirubin							
Heaptitis, Occlusive disease	Aspartate Aminotransferase (AST, GOT)							
Chronic hepatitis, Cardiac infarction	Alanine Aminotransferase (ALT, GPT)							
Alcoholic hepatitis, Fatty liver	Gamma-Glutamyltransferase (GGT)							
Obstructive jaundice, Liver cirrhosis, etc.	Alkaline Phosphatase (ALP)							
Hepatitis B	Hepatitis B Surface Antigen (HBs Ag)							
Ab formation in Hepatitis B	Hepatitis B Surface Antibody (HBs Ab)							
Ab formation in Hepatitis A	Hepatitis A IgG Ab (HAV Ab IgG)							
Immunity status in Hepatitis C	Hepatitis C Virus Antibody (HCV Ab)							
Polymyositis, Cerebrovascular disease, Angina	Lactate Dehydrogenase (LD, LDH)							
Arteriosclerosis, High blood pressure, etc.	Cholesterol, Total							
Arteriosclerosis inhibitory factor	Cholesterol, High-Density Lipoprotein (HDL)							
Arteriosclerosis risk factor	Cholesterol, Low-Density Lipoprotein (LDL)							
Lipid metabolism, Fatty liver	Triglycerides (TG)							
Heart disease, Stroke	Apolipoprotein A1							
	Apolipoprotein B							
	Homocysteine							
Impairment of renal function, Dehydration, Urea nitrogen	Blood Urea Nitrogen (BUN)							
Impairment of renal function, Creatinine	Creatinine							
Rheumatoid arthritis	Rheumatoid Factor (Quantitative)							
Gout, Malignant disease(uric acid)	Uric acid							
Infection	C-Reactive Protein (CRP, Quantitative)							
Acute chronic pancreatitis, etc.	Amylase, Total, S							
Acute chronic pancreatitis, etc.	Lipase							
Diabetes	Glucose, P							
Blood sugar level for the past 2~3months	HbA1c							
Hyperthyroidism, Hypothyroidism	Thyroid Stimulating Hormone (TSH)							
	Triiodothyronine (T3), Total							
	Thyroxine (T4), Free							
Liver cancer	Alpha-Fetoprotein (AFP), Tumor marker							
Screening test of digestive cancer (Colorectal cancer, Rectal cancer, etc.)	Carcinoembryonic Ag (CEA)							
Screening of digestive cancer (Pancreatic cancer, etc.)	Carbohydrate Ag 19-9 (CA 19-9)							
Prostate cancer (12.5)	PSA, Total, S							
Ovarian cancer	Cancer Ag 125 (CA 125)							
Gastric cancer	Pepsinogen I							
	Pepsinogen II							
Anemia, Erythrosis	RBC (B)							
Anemia, Polycythemia	Hb							
	HCT							
Cause of Anemia	MCV							
	MCH							
	MCHC							
Bleeding disorder	Platelet							
Acute chronic inflammation, Leukemia	WBC (B)							
Anemia	Ferritin							
	Iron							
	TIBC							
	Folate, S							
Urinalysis	Urinalysis Complete w/ Microscopic							
Cancer, Bone loss, Chronic fatigue, Lowered immunity	25-Hydroxyvitamin D (25 OH Vitamin D)							

# Infant Package

By necessary checkup during period of growth, find any early sign of diseases and GC Labs will keep track on health and safe environment for growing up.

## BASIC (27 tests) Test code Male & Female : 007



Liver, Biliary



Thyroid, Bone mineral



Renal function



Complete blood cell count



Metabolism



Diabetes



Immune antibody



## GOLD (40 tests) Test code Male & Female : 008



Blood type



Vitamin



Heavy metal



Hyperlipidemia



Bone/joint



Autoimmune disease



Mineral



Hormone



\* Additional tests can be selected

Related disease	Test name	B	G
Complete blood cell count	RBC(B)		
	Hb		
	HCT		
	MCV		
	MCH		
	MCHC		
	Platelet		
	WBC (B) DIFF count		
Blood type	Rh typing (automated)		
	ABO typing (automated)		
Anemia	Ferritin		
Hormone	Growth Hormone, S		
	Somatomedin C (insulin-like growth factor-1, IGF-1)		
	DHEA-S [ECLIA]		
	ACTH(ECLIA)		
Thyroid	Thyroxine (T4), Free		
	Thyroid Stimulating Hormone (TSH)		
Vitamin, Mineral, Heavy metal	25-Hydroxyvitamin D (25 OH Vitamin D)		
	Zn (S) [ICP-MS]		
Bone/joint, Autoimmune disease	Total IgE		
Renal function test	Blood Urea Nitrogen (BUN)		
	Creatinine		
Hyperlipidemia	Cholesterol, Total		
	Cholesterol, Low-Density Lipoprotein (LDL)		
	Triglycerides (TG)		
Diabetes	Glucose, S		
	HbA1c		
Liver function test	Aspartate Aminotransferase (AST, GOT)		
	Alanine Aminotransferase (ALT, GPT)		
	Albumin		
	Protein, total		
Hepatitis virus	Hepatitis A IgG Ab (HAV Ab IgG)		
	Hepatitis B Surface Antigen (HBs Ag)		
	Hepatitis B Surface Antibody (HBs Ab)		
	Hepatitis C Virus Antibody (HCV Ab)		
Immune Ab	Varicella-Zoster virus IgG		
	Rubella Ab, IgG		
	Mumps IgG		
	Measles IgG		

# Adult Additional Test

## Prenatal / Postnatal

- Mumps IgG, IgM
- HIV-1/-2 Ag and Ab Screen
- Rapid Plasma Reagin (RPR), S
- ROMA Score
- HE4 (ROMA)
- CA125 (ROMA)
- Human papillomavirus
- Anti-mullerian hormone (AMH)
- Luteinizing Hormone (LH)
- Fluorescent anti-nuclear Ab (FANA, qualitative)
- Lupus A.coagulant (screen)
- Follicle Stimulating Hormone (FSH)
- Prolactin
- HBB gene mutation ( $\beta$ -Thalassemia) [Sequencing]
- Total procollagen-type 1  
N-terminal propeptide (total P1NP)
- C-terminal telopeptides (CTX)
- Intact PTH & Calcium
- Intact Parathyroid Hormone (PTH)
- PTH related peptide

## Diabetes

- Fructosamine
- Glycated albumin
- sdLDL cholesterol
- Human Amyloid  $\beta$  [ELISA]
- Whole blood viscosity test
- Microalbumin [RU]

## STD

- STD 6 type (Multiplex real-time PCR)
- Genitourinary tract infection  
& Sexually transmitted infection panel, PCR
- Gardnerella vaginalis, real-time PCR
- Haemophilus ducreyi, PCR
- Mycoplasma genitalium, real-time PCR
- Chlamydia trachomatis, real-time PCR
- Treponema pallidum, real-time PCR
- Neisseria gonorrhoeae, real-time PCR
- Ureaplasma urealyticum, real-time PCR
- Trichomonas vaginalis, real-time PCR
- Mycoplasma hominis, real-time PCR
- Rapid Plasma Reagin (RPR), S
- Treponema pallidum latex agglutination (TPLA),  
Human papillomavirus
- HIV-1/-2 Ag and Ab Screen
- FTA-ABS IgG, IgM
- HSV type 1 [Real-time PCR]
- HSV type 2 [Real-time PCR]

## Tumor marker

- Cancer Ag 72-4 (CA 72-4)
- PIVKA 2 (Des-gamma-carboxy prothrombin)
- Cytokeratin 19 (CYFRA 21-1)
- Alpha-Fetoprotein (AFP), BF
- Carcinoembryonic Ag (CEA), BF
- AFP ( $\alpha$ -fetoprotein, qualitative)
- Neuron Specific Enolase (NSE), S
- Squamous Cell Carcinoma (SCC, T4-4), S
- Cancer Ag 15-3 (CA 15-3)
- PSA, Free

## Allergy

- Total IgE
- IgG4 Food Antibodies [ELISA]
- Eosinophil Count
- MAST allergy



# Infant Additional Test

## Anemia

- Iron
- Total Iron Binding Capacity (TIBC)
- Unsaturated Iron Binding Capacity (UIBC)

## Thyroid, Bone mineral

- Triiodothyronine (T3), Total
- Uric acid
- Rheumatoid Factor (Quantitative)
- Fluorescent anti-nuclear Ab (FANA, quantitative)

## Diabetes, Hyperlipidemia, Metabolism

- Cholesterol, High-Density Lipoprotein (HDL)
- Glucose, P

## Immune Ab

- Varicella-Zoster virus IgM
- Rubella Ab, IgM
- Mumps IgM
- Measles IgM
- C-Reactive Protein (CRP, Quantitative)
- C-Reactive Protein (CRP, Qualitative)
- H. pylori IgG

## Allergy

- Total IgE
- IgG4 Food Antibodies [ELISA]
- Eosinophil Count
- MAST allergy

## Hormone

- IGFBP-3 Growth Panel, S
- Luteinizing Hormone (LH)
- Follicle Stimulating Hormone (FSH)
- Estradiol (E2)
- Testosterone
- Free testosterone [CIA]

## Renal function, Electrolyte, Urinalysis

- Sodium (Na), S
- Potassium (K), S
- Chloride (Cl), S
- Magnesium (Mg), S
- Calcium, Total, S
- Phosphorus (Inorganic)
- Creatine Kinase (CK)
- C-Reactive Protein (CRP, High sensitivity)
- Homocysteine
- Urinalysis Complete w/ Microscopic

## Liver, Biliary

- Amylase, Total, S
- Lipase
- Gamma-Glutamyltransferase (GGT)
- Alkaline Phosphatase (ALP)
- Bilirubin, total
- Bilirubin, Direct
- Lactate Dehydrogenase (LD, LDH)
- Alpha-Fetoprotein (AFP), Tumor marker
- Hepatitis A IgM Antibody (HAV Ab IgM)
- HBs Ab
- HBs Ag



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