

Finecare™ Test Parameters 2025

Category	Test Item	Specimen Type	Specimen Volume	Loading Volume	Reaction Time	Measuring Range	Clinical Reference
Bone Metabolism	Vitamin D	S/P	75 µL	75 µL	15 mins	5-100 ng/mL	30-100 ng/mL
	Vitamin D	WB/S/P	15 µL		10 mins	5-100 ng/mL	30-100 ng/mL
Diabetes	HbA1c	WB	10 µL	75 µL	5 mins	4.0-14.5%	4-6.5%
	Insulin	WB/S/P	75 µL		10 mins	2~300 mIU/L	2.6~24.9 mIU/L
	C-Peptide	WB/S/P	75 µL		10 mins	0.1~ 40 ng/mL	1.1~4.4 ng/mL
Kidney Function Markers	One-step MAU	Urine	75 µL	75 µL	3 mins	5-300 mg/L	0-20 mg/L
	Cys C	WB/S/P	10 µL		5 mins	0.2-10 mg/L	0.5-1.1 mg/L
	NGAL	Urine	75 µL		15 mins	10-1500 ng/mL	≤131.7 ng/mL
	β2-MG	WB/S/P	10 µL		10 mins	0.2-10 mg/L	1.0-2.7 mg/L
Thyroid Function	T3	WB/S/P	75 µL	75 µL	15 mins	0.61-9.22 nmol/L	1.23-3.07 nmol/L
	T4	WB/S/P	75 µL		15 mins	12.87-300 nmol/L	66-181 nmol/L
	TSH	WB/S/P	75 µL		15 mins	0.1-100 mIU/L	0.3-4.2 mIU/L
	FT3	WB/S/P	75 µL		15 mins	0.40-50.00 pmol/L or 0.26-32.55 pg/mL	2.8-7.1 pmol/L (1.82-4.61 pg/mL)
	FT4	WB/S/P	75 µL		15 mins	1.00-100 pmol/L or 0.078-7.77 ng/dL	12-22 pmol/L (0.93-1.71 ng/dL)
Sex Hormone Markers	β-HCG	WB/S/P	20 µL	75 µL	15 mins	2~200,000 mIU/mL	Negative:<5 mIU/mL Positive:>25 mIU/mL
	LH	WB/S/P	75 µL		15 mins	1~100 mIU/mL	Male: 1.81-8.16 mIU/mL Female: Follicular period: 2.95-13.65 mIU/mL Ovulation period 13.65-95.75 mIU/mL Luteal phase 1.25-11.00 mIU/mL Menopause 8.74-55.00 mIU/mL
	FSH	WB/S/P	75 µL		15 mins	1~100 mIU/mL	Male: 1.81-8.16 mIU/mL Female: Follicular period: 2.95-13.65 mIU/mL Ovulation period 13.65-95.75 mIU/mL Luteal phase 1.25-11.00 mIU/mL Menopause 8.74-55.00 mIU/mL
	Prog	WB/S/P	75 µL		15 mins	1.5~60 ng/mL	Male: <1.5 ng/mL Female: Follicular phase:<1.9 ng/mL Ovulation phase: <12.0 ng/mL Luteal phase: 1.7-28.7 ng/mL Postmenopausal: <1.4 ng/mL Pregnancy (<12 Weeks): 11.0 -53.0 ng/mL Pregnancy (12-24th Weeks): 21.5-60.0 ng/mL
	PRL	WB/S/P	75 µL		15 mins	1~200 ng/mL	Female (non-pregnant):4.60-25.07 ng/mL Male: 3.45-17.42 ng/mL
	E2	WB/S/P	75 µL		15 mins	9~3000 pg/mL	Male: <85 pg/mL Female: Follicular Phase: 12-262 pg/mL Ovulation: 40-396 pg/mL Luteal Phase: 21-381 pg/mL Menopause: <190 pg/mL First trimester: 145-2988 pg/mL Second trimester:>1502 pg/mL
	Testosterone	WB/S/P	75 µL		15 mins	0.2~15 ng/mL	Male: 20-49 years old:1.91-8.41 ng/mL ≥50 years old: 1.61-8.01 ng/mL Female: 20-49 years old,≤0.80 ng/mL ≥50 years old,<0.71 ng/mL
	AMH	WB/S/P	75 µL		15 mins	0.1~16 ng/mL	Male: 0.92-13.89 ng/mL Female: 20 -29 years old,0.88-10.35 ng/mL 30 -39 years old,0.31-7.86 ng/mL 40 -50 years old,≤5.07 ng/mL
Cardiac Markers	NT-proBNP	WB/S/P	75 µL	75 µL	15 mins	18~35000 pg/mL	<75 years old,0-300 pg/mL,≥75 years old,0-450 pg/mL
	cTn I	WB/S/P	75 µL		15 mins	0.1~50 ng/mL	0-0.3 ng/mL
	Myo	WB/S/P	75 µL		15 mins	2.0~400 ng/mL	0-58 ng/mL
	CK-MB	WB/S/P	75 µL		15 mins	0.3~100 ng/mL	0-5 ng/mL
	H-FABP	WB/S/P	75 µL		15 mins	1~120 ng/mL	0-7 ng/mL
	3 in 1 (cTn I/Myo/CK-MB)	WB/S/P	75 µL		15 mins	Same with single items	Same with single items
	BNP	WB/P	75 µL		15 mins	5~5000 pg/mL	0-100 pg/mL
	2 in 1 (cTn I/ NT-proBNP)	WB/S/P	75 µL		15 mins	Same with single items	Same with single items
	hsCRP	WB/S/P	10 µL		3 mins	0.1~10 mg/L	≤1.0 mg/L
	One Step cTnT	WB/S/P	100µL-WB 75µL-S/P		15 mins	0.03~10 ng/mL	0-0.1 ng/mL
	Lp-PLA2	WB/S/P	75 µL	75 µL	15 mins	10~1000 ng/mL	225 ng/mL
	ST2	WB/S/P	75 µL	15 mins	10~400 ng/mL	0-35 ng/mL	
Brain Injury Markers	S100β	WB/S/P	75 µL	75 µL	15 mins	0.05~10 ng/mL	<0.2 ng/mL
Thrombus Markers	D-Dimer	WB/P	15µL-WB 10µL-P	75 µL	5 mins	0.1~10 mg/L	0-0.5 mg/L
	One step D-Dimer	WB/P	100µL-WB 75µL-S/P	15 mins	0.1~10 mg/L	0-0.5 mg/L	
Inflammation Markers	PCT	WB/S/P	75µL-WB 50µL-S/P	75 µL	15 mins	0.1~100 ng/mL	0-0.5 ng/mL
	CRP (hsCRP+CRP)	Fingerstick or Venous WB/S/P	8.5µL-WB 5µL-S/P		3 mins	0.5~200 mg/L	CRP:<10 mg/L hsCRP:0-1 mg/L
	2 in 1 (CRP+PCT)	WB/S/P	75 µL		15 mins	CRP:0.5~150 mg/L PCT:0.1~100 ng/mL	CRP:<10 mg/L PCT:<0.5 ng/mL
	SAA	Fingerstick or Venous WB/S/P	8.5µL-WB 5µL-S/P		3 mins	1 ~ 500 mg/L	0-10 mg/L
	IL-6	WB/S/P	75 µL		15 mins	3~4000 pg/mL	≤ 10 pg/mL
Rheumatoid Arthritis	ASO	WB/S/P	10 µL	75 µL	5 mins	20~1000 IU/mL	adult ≤ 200 IU/mL; children ≤ 150 IU/mL
	RF	WB/S/P	10 µL		5 mins	10~650 IU/mL	0-15.9 IU/mL
	Anti-CCP	WB/S/P	10 µL		10 mins	3.5-300 U/mL	<5 U/mL
Infections Disease	Dengue NS1 Ag	WB/S/P	75 µL	75 µL	12 mins	Qualitative	<0.9 Negative,0.9~1.1 Indeterminate,≥ 1.1 Positive
Allergy	Total IgE	WB/S/P	75 µL	75 µL	10 mins	1~1000 IU/mL	<1 age,15 IU/mL; 1~5 ages,≤ 60 IU/mL; ~9 ages,90 IU/mL; 10~15 ages,200 IU/mL; 16 ages 100 IU/mL
Hypertension	Cortisol	WB/S/P	75 µL	75 µL	15 mins	50~1000 nmol/L	7:00~10:00 a.m.:134~522 nmol/L 4:00~8:00 p.m.:77~317 nmol/L
Gastroenterology	iFOB	Feces	6 different parts of the feces	3 drops	5 mins	25~1000 ng/mL	<100 ng/mL
	H. pylori Ag	Feces			10 mins	Qualitative	COI<1 Negative for H.pylori Ag, COI≥1 Positive for H.pylori Ag
	Calprotectin	Feces			10 mins	10~1000 mg/kg	≤ 50 mg/kg
Tumor Markers	AFP	WB/S/P	75 µL	75 µL	15 mins	5~400 ng/mL	0-20 ng/mL
	PSA	WB/S/P	75 µL		15 mins	2~100 ng/mL	0-4 ng/mL
	CEA	WB/S/P	75 µL		15 mins	1~500 ng/mL	0-5 ng/mL
	fPSA	WB/S/P	75 µL		15 mins	0.2~30 ng/mL	<1 ng/mL
	CA125	WB/S/P	75 µL		12 mins	5~ 700 U/mL	≤ 35 U/mL
	CA15-3	WB/S/P	75 µL		12 mins	5~ 300 U/mL	≤ 26.4 U/mL
	CA19-9	WB/S/P	75 µL		15 mins	8~1000 U/mL	≤ 27 U/mL
Respiratory Infection	COVID-19 Ag	NP/OP	/	75 µL	15 mins	Qualitative	Negative
	Adeno	Nasal/NP	/		10 mins	Qualitative	Negative
	Flu A&B	Nasal/NP	/		10 mins	Qualitative	Negative
	Mycoplasma	Nasal/NP	/		10 mins	Qualitative	Negative
	RSV	NP	/		10 mins	Qualitative	Negative
	Strep A	OP	/		5 mins	Qualitative	Negative
	Adeno/RSV Ag	NP	/		10 mins	Qualitative	Negative
	COVID/Influenza Ag	Nasal/NP	/		10 mins	Qualitative	Negative
Anemia Markers	Ferritin	WB/S/P	75 µL	75 µL	10 mins	5 ~ 1000 ng/mL	Male 30-400 ng/mL Female 13-150 ng/mL
	Vitamin B12	S/P	40 µL		10 mins	80~2000 pg/mL	197-771 pg/mL

