

TASCOM

In-vitro diagnostics

Point-of-Care
SimplexTAS™ 101

New Generation of
Immuno-chemistry System



What is SimplexTAS™ 101 System?

SimplexTAS™ 101 System is the new generation of immuno-chemistry system which enables healthcare professionals to perform quantitative measurements for multi parameters, consisting of SimplexTAS™ Analyzer, Reagent Cartridges and its accessories. The user-friendly SimplexTAS™ is a compact and portable point-of-care system that uses a small volume of blood and urine samples and is intended to be used for in-vitro diagnostic use only.

The built-in centrifuge of the analyzer and patented reagent cartridge structure make SimplexTAS™ system more accurate and reliable. Users can get lab-quality results from SimplexTAS™ as good as laboratory clinical systems. Its automated test process also enables users to carry out multiple simultaneous tests for 4 different samples around 10 minutes.

The user interface with a large touch screen enables a variety of settings to be personalized. Patient ID or operator ID can be typed manually or scanned by an external barcode reader. IQC(Internal quality control) and QC lockout functions make users more reliable.

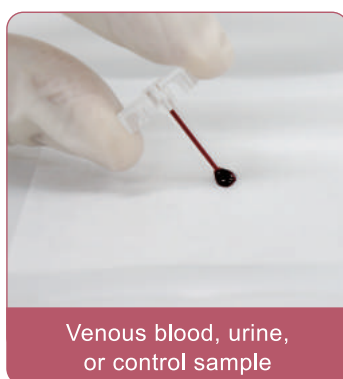


Easy-to-use

1. RFID Information Transfer



2. Collecting Specimen



3. Measurement

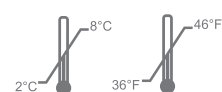


Available Reagent Cartridges

Parameter	Test Range	Sample Volume	Sample Type	CV
Glucose	10~700 mg/dL	10 µl	Whole blood	<3%
HbA1c	4.0~15.0 %	4 µl	Whole blood	<4%
β-HB	1.2~83.3 mg/dL	20 µl	Whole blood	<5%
TC	20~500 mg/dL	10 µl	Whole blood	<5%
TG	10~500 mg/dL	20 µl	Whole blood	<5%
HDL	10~150 mg/dL	10 µl	Whole blood	<5%
BUN	2~100 mg/dL	10 µl	Whole blood	<5%
Creatinine	0.3~25.0 mg/dL	20 µl	Whole blood	<5%
CRP	5.0~200.0 mg/L	10 µl	Whole blood	<5%
Hemoglobin	0.1~25.0 g/dL	10 µl	Whole blood	<5%
ALB(U)	5.0~200.0 mg/L	10 µl	Urine	<5%
CRE(U)	1.5~30.0 mmol/L	10 µl	Urine	<5%
ACR	0.1~140.0 mg/mmol	—	Urine	<6%

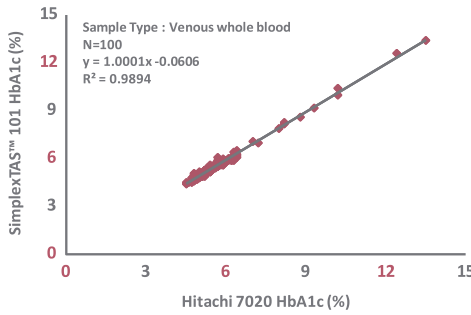
Under Development

Troponin I, BNP, D-dimer,
AST, ALT, GGT, Direct LDL,
ALP, Ammonia, LDH,
Total Protein, Total Bilirubin,
Direct Bilirubin, Uric Acid,
α-Amylase, Lipase, Lactate,
CK, RF, 1,5-AG,
Glycated Albumin, Potassium,
Sodium, Chloride, Phosphorus,
and more...

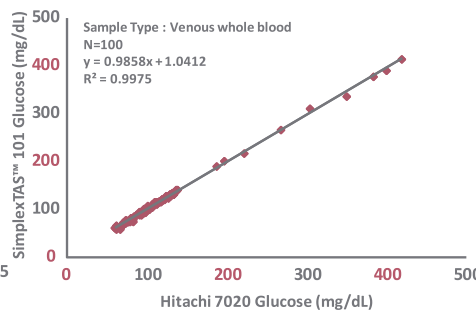


Reliable Accuracy

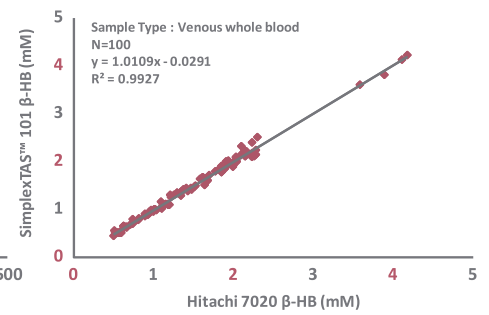
SimplexTAS™ 101 HbA1c vs Hitachi 7020



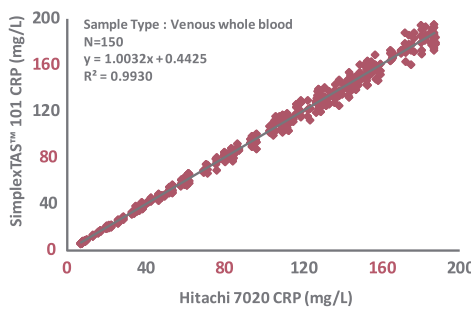
SimplexTAS™ 101 Glucose vs Hitachi 7020



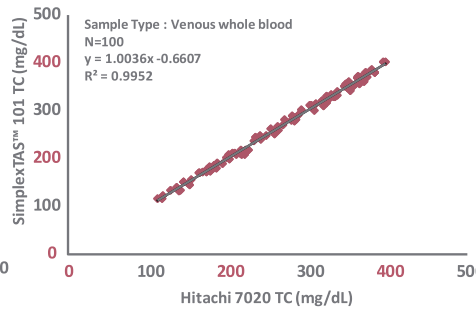
SimplexTAS™ 101 β-HB vs Hitachi 7020



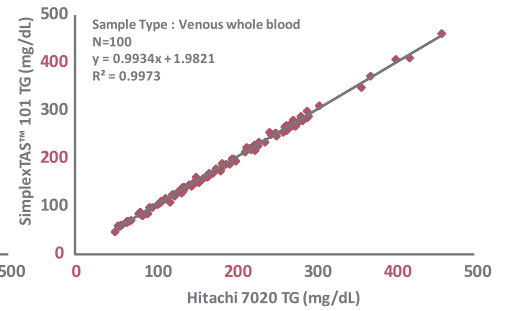
SimplexTAS™ 101 CRP vs Hitachi 7020



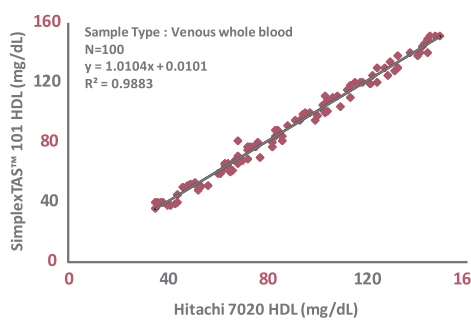
SimplexTAS™ 101 TC vs Hitachi 7020



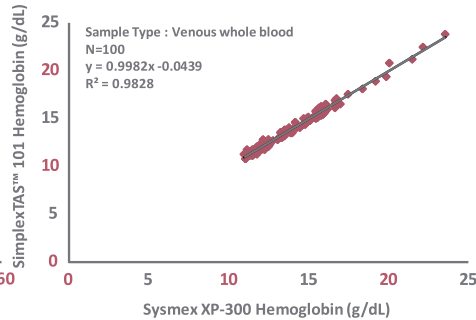
SimplexTAS™ 101 TG vs Hitachi 7020



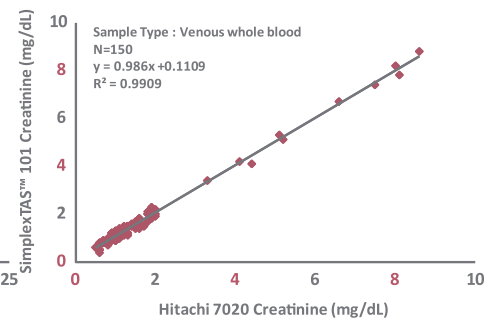
SimplexTAS™ 101 HDL vs Hitachi 7020



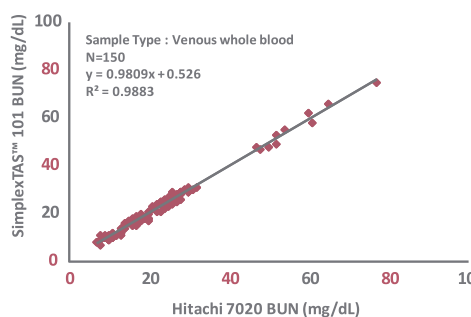
SimplexTAS™ 101 Hemoglobin vs Sysmex XP-300



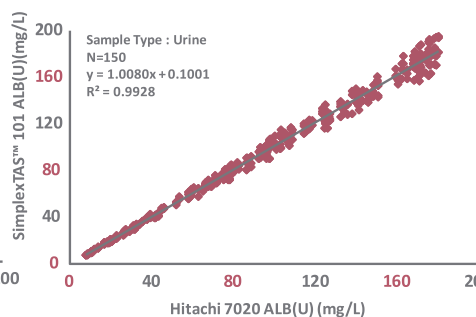
SimplexTAS™ 101 Creatinine vs Hitachi 7020



SimplexTAS™ 101 BUN vs Hitachi 7020



SimplexTAS™ 101 ALB(U) vs Hitachi 7020



SimplexTAS™ 101 CRE(U) vs Hitachi 7020

