

DRI-CHEM IMMUNO AU10V

Automated Fluorescence Immunoassay Analyzer



vf-SAA (Serum amyloid A)

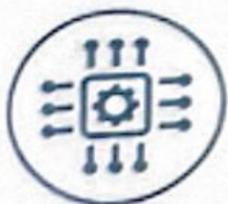
v-PRG (Progesterone)

v-T4 (Thyroxine (T4))

vc-TSH (Thyroid Stimulating Hormone)

v-COR (Cortisol)

v-BA (Bile Acids)



The Technology used is Surface Plasmon Enhanced Fluorescence (SPF) using a thin gold film.



No need to add reagents



Automated calibration for reagents using attached QR code



Simple 2- step procedure



Flexibility in selecting the most appropriate sample tube (1.5ml or 0.5ml)



Automatic dilution function

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Easy to use

Rapid measurement
(approximately 10min)

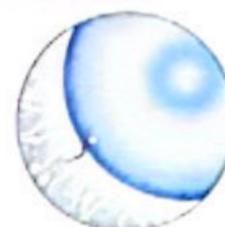
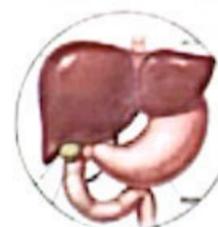
Automated
Calibration

Serum and plasma
samples are measure-
able in all tests

Analyzer Specifications

Dimensions (W x D x H)	238 x 326 x 310 [mm]
Weight	Approximately 7 kg
Operating temperature	15°C - 30°C (59°F - 86°F)
Setup time	3 min
Required sample volume	basic test : 100 µL dilution test : 20 µL
Data memory	100 tests
Cartridge information	Information about test parameters is embedded in the QR code attached to the cartridge.

Reagent Cartridges Specifications



	Screening and/ or monitoring of Inflammation	Hypo/ Hyperthyroidism diagnosis	Hypothyroidism diagnosis	Adisson's Disease or Cushing's syndrome diagnosis	Liver-related diseases diagnosis	Reproduction management
	vf-SAA	v-T4	vc-TSH	v-COR	v-BA	v-PRG
Type of sample	P / S	P / S	P / S	P / S	P / S	P / S
Measurement Mode (Basic)	-	✓ (P / S)	✓ (P / S)	✓ (S only)	✓ (P / S)	✓ (P / S)
Measurement Mode (Dilution*)	✓ (P / S)	-	-	✓ (P / S)	-	-
Dynamic Range	3.75 - 225.0 µg/mL	0.50 - 8.00 µg/dL (6.4 - 103.0 nmol/L)	0.25 - 5.00 ng/mL	1.0 - 30.0 µg/dL (27.6 - 828.0 nmol/L) 1.0 - 50.0 µg/dL (27.6 - 1380.0 nmol/L) (with dilution)	2.0 - 150.0 µmol/L	0.20 - 40.00 ng/mL (0.64 - 127.20 nmol/L)
Measurement time	Approximately 10 min					
Package Unit	10 cartridges/box					
Reagent Storage	2 °C - 8 °C (35.6 °F - 46.4 °F)					

P : Plasma S : Serum

*1 Dilution with pharmaceutical grade saline solution

This equipment complies with FDA performance standards for laser products except for deviations pursuant to Laser Notice No. 50, dated (June 24, 2007).
This equipment is a Class 1 laser product
(designed according to IEC60825-1 2007 / EN60825-1 2007)



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