

Main Specifications

Principle

Chemistry	Absortion, Colormetric with LED 340nm~700nm
Immunoassay	Turbidimetry or ELISA with fluorescent detecting
Coagulation	Clotting with metal ball, image recognition
Urine SG	Refractometer
PCR	Isothermal amplification with fluorescent detecting

Device

User Interface	8" TFT color LCD touch screen
Memory Capacity	50,000 test results, cloud database
Dimensions / Weight	400(H) x 264(W) x 450(D) mm / 12 kg
Connectors	USB 2.0, 4 Ports (for Wi-Fi dongle, printer, USB drive, scanner...), RS232, Ethernet (ASTM, HL7)
Printer	Built in thermal printer/ External printer (support PCL3 GUI, PCL6 printers)

Sample & Test

Sample Type	Whole blood, plasma, serum, urine (depends on methodology)
Measurement Time	Chemistry: 9~12 mins; Immunoassay: 6~25 mins (depends on methodology); Coagulation : 8 mins; PCR with DNA extraction: 25~40 mins (depends on sample type)

Operation Condition

Temperature / Humidity	5- 35°C / 0- 95%
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Founded in 2011, skyla specializes in IVD POCT, supported by a professional engineering team with expertise in reagents, optics, electronics, mechanics, software, and automation. We are committed to providing high-quality products and services for a healthier future.

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skyla® Tutti Veterinary Universal Analyzer

An Automatic Lab on Your Desk !



6-in-1 : chemistry, immunoassay, coagulation, urinalysis, rapid test and PCR.

Features

Fully Automatic Operation

Simplified workflow with **automatic sample handling** — just place the sample and reagent then walk away.

Veterinary Friendly

Compact design supports diverse tests with a user-friendly, **no-training** interface and wide temperature range operation.

Cloud Database & App

Cloud-based data management, provides easy and fast access to **service, review and trend test results**.

Micro Sample Requirement

Get comprehensive results from **Complete Dx 27** panel with only **60 µL** plasma.

Rapid Turnaround Time

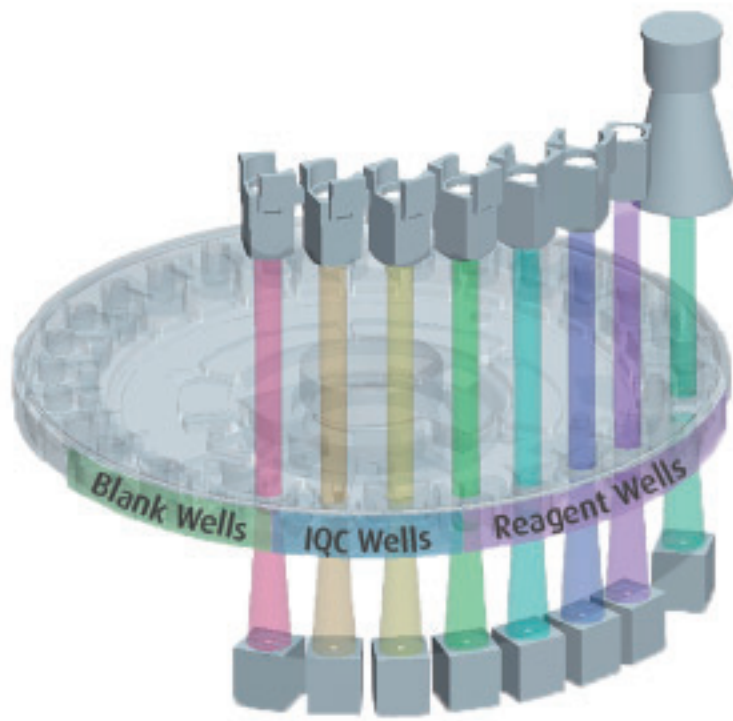
Biochemistry results are available in approximately **9 minutes**.

Specialized Tests

Urine Specific Gravity (**USG**),
Urine Cortisol Creatinine Ratio (**UCCR**),
Urine Microalbumin (**UmALB**).
Cardiac markers and **tumor** markers.

iiE System

Intelligent Interference Eliminating System, utilizes multi-wavelength LED and big data to eliminate sample lipemia, hemolysis, and icterus interference, ensuring highly accurate results.



Test Portfolio

Chemistry

10 Profiles	Simple Tests	28 Assays		
Basic Chem 13	S1: FRU+GLU (Diabetes)	ALB	CI	PHOS
General Chem 26	S2: NH3	ALP (ALKP)	FRU (FRA)	P-LIPA
Complete Dx 27	S3: Mg	ALT (GPT)	GGT (γ-GT)	TBA
Urgent Care 24	S4: P-LIPA+AMY	AMY (AMYL)	GLU	TBIL
Electrolytes 6	S5: ALP+ALT+AST	AST (GOT)	K	TCO2
Kidney 23	S6: BUN+CREA	BUN (UREA)	LAC	TRIG (TG)
Liver 12	S7: Ca+PHOS+ALB	Ca	LDH	TP
Equine 25	S8: TP+ALB+GLU	CHOL (TC)	Mg	UA (URIC)
Large Animal 24	S9: TRIG+CHOL	CK (CPK)	Na	
Avian & Reptile 26		CREA (CRE)	NH3	

Immunoassay

Canine	Feline	Equine
cCRP	SAA	SAA
PHBR	PHBR	
S-DMA	S-DMA	
TT4	TT4	
cTSH	fPL	
cPL	fNTpBNP	
cNTpBNP	CTn-I	
CTn-I	CORT	
CORT	Nu-H3.1	
cPROG	D-Dimer	
Nu-H3.1	...more	
D-Dimer		
...more		

Coagulation

PT, APTT, FIBR

Urine

USG (Urine SG by Refractometer)
UPC (Urine UPRO/UCRE ratio)
UmALB (Urine Microalbumin)
UCCR (Urine UCOR/UCREA ratio)
...more

Rapid Test Quant

Dx4	Dx4-L	FDx3
Heartworm	Heartworm	FIV
Lyme	Leishmania	FelV
Anaplasma	Anaplasma	Heartworm
Ehrlich	Ehrlich	

Single Test

Babesia	CPV	Giardia
FCoV	CDV	...more

PCR

Canine Vector Panel	Diarrhea Panel
Respiratory Panel	Neurologic Panel
Babesia type 2	Ehrlich-Anaplasma 2
IAV type	FCoV type (FIPV, FECV)
FIV-FelV 2	...more

