



ChorusTRIO

Taking Autoimmune and Infectious Testing to Next Level

Strengthen your immunoassay menu * Same day reporting during the patient visit

Fully automated walk away system * Single tests ready to use devices

Small pack size of 36 tests

A wide menu of autoimmune and Infectious parameters

Rheumatology

ANA Screen
 dsDNA IgG
 dsDNA IgM
 anti CCP
 SM
 SS-A
 SS-B
 Scl 70
 Cenp B
 Jo-1
 U1- 70
 RF –IgG
 RF-IgM
 U1-70 RNP

Thyroid

a- Tg
 a-TPO
 TG

ToRCH

Toxoplasma IgG
 Toxoplasma IgM
 Toxoplasma IgA
 Toxoplasma IgG Avidity
 Rubella IgG
 Rubella IgM
 Rubella IgG Avidity
 CMV IgG
 CMV IgM
 CMV IgG Avidity
 HSV 1+2 IgG
 HSV 1+2 IgM
 HSV 1 IgG
 HSV 2 IgG

Vasculitis

MPO
 PR3
 GBM

Hepatology

AMA-M2
 LKM-1
 LC-1

Thrombosis

Anti cardiolipin IgG
 Anti cardiolipin IgM
 β 2 Glycoprotein IgG
 β 2 Glycoprotein IgM

Diabetes

Anti Insulin Antibody

Infectious Diseases

Brucella *

Chikungunya	IgG	
Chikungunya	IgM	
Dengue	IgG	*
Dengue	IgM	*
Echinococcus		*
Leptospira	IgG	*
Leptospira	IgM	*
Q-Fever Phase II		*
Toscana Virus		
Toxocara		
Borrelia burgdorferi	IgG	*
Borrelia burgdorferi	IgM	*
TBEIgG		
TBEIgM		

Gastroenterology

tTg IgA
 tTg IgG
 Gliadin IgA
 Gliadin IgG
 ASCA- A
 ASCA- G
 Intrinsic factor
 DGP IgG
 DGP IgA

Infectious Mononucleosis

EBV VCA IgG
 EBV VCA IgM
 EBV EBNA IgG
 EBV EA IgG
 EBV EA IgM

Vaccination

Diphtheria
 Poliovirus
 Tetanus

Bone Metabolism

25 OH Vitamin D

Sexually Transmitted Diseases

Chlamydia Trachomatis IgG/IgA
 Syphilis Screen
 Treponema IgG
 Treponema IgM

Pneumopanel

Mycoplasma pneumonia IgG
Mycoplasma pneumonia IgM
Mycoplasma pneumonia IgA
RSV IgG
RSV IgA
Legionella IgG 1-6
Legionella IgG 1
Legionella IgM
Influenza A IgG
Influenza A IgA
Influenza B IgG
Influenza B IgA
Adenovirus IgG
Adenovirus IgA
Chlamydomphila pneumonia IgG
Chlamydomphila pneumonia IgA
Chlamydomphila pneumonia IgM
Bordetella Pertussis *

Pedriatric Panel

Measles IgG
Measles IgM
Mumps IgG
Mumps IgM
Varicella IgG
Varicella IgM
Parvovirus B19

Gastropanel

Helicobacter Pylori Ag
Helicobacter pylori IgG
Helicobacter pylori IgA
Calprotectin
Clostridium difficile A/B T oxins
Clostridium difficile GDH Ag

Urinary Antigens

Legionella

Infectious Diseases (CFT)

Bordetella pertussis
Borrelia
Brucella
Campylobacter jejuni
Listeria monocytogens
Shigella flexneri
Yersinia enterocolitica
Echo Virus P Mix
Echo Virus N Mix
Q-Fever
Parainfluenza Mix
Coxsackie Virus A Mix
Coxsackie Virus B Mix
Echinococcus
Reovirus
Lymphocytic chorio meningitis



Give your lab strategic edge over your competitors, extend your Immunoassay menu to make it second to none!!!

With one additional automation, you can have best possible Add-on Menu in immunoassays and fastest reporting to serve your clinicians and patients better. Chorus offers 90 plus rare tests menu helping to offer unmatched testing for autoimmunity and infectious diseases with reporting within one hour. No system in the world can extend your basic immunoassay testing like chorus can.

* Available soon

Solid engineering

High performance

We have got exactly what you need

SINGLE TEST DEVICE

- No wastage of reagents
- Each single device contains all the reagents to carry out the test
- Memorized master curve preped in software
- Calibrators and controls included in 36 tests kit
- Calibration stability of 28 days for all the parameneters

EASY TO USE

- Multiparametric testing ie. can perform different tests at the same time
- Has both manual entry and barcode reader facilities
- Maintenance and calibration is minimal requiring only daily priming and cleaning and weekly sanitation
- LCD colour touch screen for better and easy working
- The results are printed by the internal thermal printer or sent to the host computer through the Laboratory Information System

PACKAGING

- 36 or 12 devices according to the type of test

THREE SIMPLE STEPS TO GET ACCURATE RESULTS

1

Dispense the serum into the device



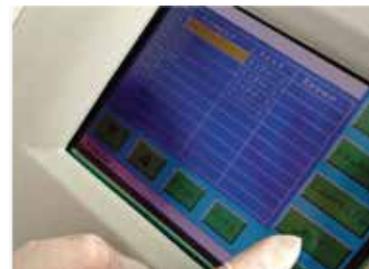
2

Place the device in the instrument



3

Press RUN: Instrument is pre-programmed by device bar code label



Maintenance and calibration is minimal requiring only daily priming and cleaning and weekly sanitation

DATA HANDLING AND RECORDING

- Chorus makes use of the Identi-System Bar-code labels, with a decreased possibility of mismatch between the patient ID and the device bar-code
- Chorus controls every single operation before and during the run, thus the possibility of an unreliable result is avoided
- The Chorus software makes continuous checks to detect possible failures

MINIMIZE ERRORS

- identi-system barcode labels minimize the human errors in the pre analytical phase
- Level sensors and sample addition monitoring (SAM) assures the accurate pipetting of samples and reagents. Internal Quality Control



Level Sensors & SAM



Identy System

Some benefits of **Chorus** **TRIO** in your lab

- Automation of your autoimmunity and infectious menu on one platform
- No more worries for longer TAT for specialized tests
- Low volume tests can be performed in automation broadening the list of service directly offered to the patients.
- Rare tests reporting on same day resulting in better patient care. On an average 30 results in 1 hr 20 mins.
- Master curve procedure with one point calibration
- No high cost on inventory as rare parameters are available in pack size of 36 and 12 devices.
- Per test cost are not much dependant on your workloads so can plan your business model with clarity.
- Can get the report in your own format (Data can also be directly transferred to laboratory information system)
- Specialized software which assures appropriate pipetting of samples and reagents.
- No need to worry for extra reagents as single test device contains enough reagents for one test.
- Complementary menu to most of automated immunoassays processors widening the level of automation in the lab.
- 96 specialized tests on one system and adding more test soon.
- Safe for the person performing the assay
- Helps minimize the operational errors.



HARDWARE AND SOFTWARE

- Touch-Screen LCD panel
- Internal bar code reader and Built in thermal printer
- Laboratory information system for host co-operation also available
- Internal modem for tele-assistance
- Multi-wavelength photometer 610, 650 nm
- Storage of all data of the last 50 sessions
- Identi-system bar-code concept
- Bidirectional connection to Host Computer (RS-232 serial port)

TECHNICAL SPECIFICATION

Control Panel	LCD touch-panel
Printer	Thermal
Wavelength photometer	610, 650 nm
Data storage	Last 50 session
Identification System	Bar code concept
Power	110/220 VAC
Frequency	50-60 Hz
Power consumption	360 watt
Weight	45 kg
Size	450(H) x 640(W) x 520(D)



Promoting better diagnostic tools[®]

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Tell us once. Rest we will take care



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