

Point Of Care Testing for:

Procalcitonin PCT—Specific Indicators of Bacterial Infection



Clinical application:

- Early diagnosis of bacterial infection or sepsis
- Assessment of disease severity and prognosis
- Antibiotic treatment guidance
- Assessment of the severity of acute pancreatitis

Detection range: 0.1-200 ng/mL

Normal reference value: < 0.5 ng/mL

Specimen type: Whole blood, serum and peripheral blood

Simple to use analyzer:

Immune Quantitative Analyzer

Fast speed

Safety use

Multi channels

Intelligent management

- ★ Intelligent management: automatical identification, clean inspection and calibration
- ★ Large storage: store 10,000 detection data
- ★ Multi-touch
- ★ Without input products information before testing

★ Built-in printer

- ★ Fast speed: 80 samples per hour
- ★ Multi-channel: five channels available
- ★ Customized design : flexible combination of different tests
- ★ Safety use: unnecessary touch sampled cassette during operation and smart remind expired date

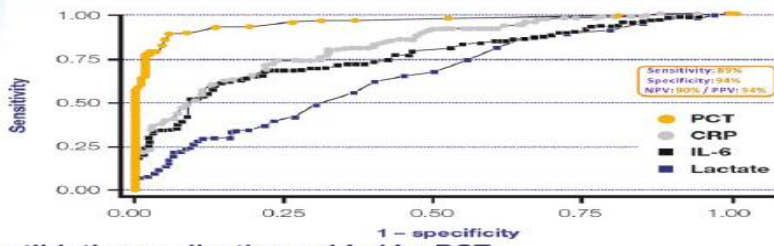
- ★ Convenient : hospital barcode readable
- ★ Lis and His available

Operation Steps

sampling spotting testing

only 1 step needed

Diagnostic accuracy of PCT compared to other biomarkers used in sepsis



Antibiotics application guided by PCT

Reference value(ng/ml)	Clinical application recommendation
PCT<0.1	No bacterial infection,antibiotics should be avoided.
0.1≤PCT<0.25	Bacterial infection may not exist,antibiotics are not recommended.
0.25≤PCT<0.5	Bacterial infection possibly exists,antibiotics are recommended.
PCT≥0.5	Bacterial infection exists,antibiotics are strongly recommended.

Other tests can be run parallel in the analyzer:

Test items	Clinical applications
PCT , CRP , PCT-CRP	Early diagnosis indicators for sepsis, guiding for antibiotics applications
NT-proBNP	Diagnosis and therapy of heart failure
cTnI , cTnI/CK-MB/Myo D-Dimer , Lp (a) Lp-PLA2	Risk assessment, diagnosis, and treatment monitoring of cardiovascular and cerebrovascular event
D-Dimer	Excluding diagnosis of deep vein thrombosis and pulmonary embolism, and risk assessment of thrombosis
S100-β	Early diagnosis and timely monitoring of brain stroke, intracranial infection, newborn infants with Hypoxic – Ischemic Encephalopathy (HIE), premature infants with brain injury
CysC, MAU	The renal function evaluation of primary and secondary kidney disease
INS, C-Peptide	Controlling and monitoring blood sugar level of diabetes patients and classification of diabetes
β-HCG	Monitoring pregnancy period and gestational diseases diagnosis
AFP	Physical examination screening of liver cancer
PSA	Physical examination screening of prostate cancer
PGI/PGII	Serological of chronic atrophic gastritis, physical examination screening of early gastric cancer
HP	Diagnosis of status for h. Pylori infection
BGP	More sensitive than the bone formation indicators of serum alkaline phosphatase (ALP) , auxiliary diagnosis of osteoporosis and bone injuries
Fer	Assist diagnosis for tumor diseases, liver disease and kidney disease
IgE	Assist diagnosis for allergic disease

Advantages for all tests:

1. Sample type : run in whole blood, serum or plasma
2. Storage : room temperature with long expiry date
3. Tests results : in 15 minutes

Further inquiry please feel free to contact :

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