



Interleukin 6 (IL-6)

Sensitive inflammation marker

Introduction to Interleukin 6

Interleukin 6 (IL-6) is a proinflammatory cytokine. Taking a pivotal role in the inflammatory mediator network, it induces the production of C-reactive protein (CRP) and procalcitonin (PCT). Therefore, the detection of IL-6 is helpful for the early diagnosis of inflammation and sepsis. In addition, the level of IL-6 correlates with the severity and prognosis of inflammation and sepsis.

Clinical Values

- Early detection of inflammation and autoimmune diseases;
- Risk stratification of inflammation and infection;
- Evaluation of prognosis of infections
- Diagnosis of sepsis;
- Monitoring therapeutic efficacy;

Interpretation of IL-6 Test Results

Result	Suggested Interpretation
< 7pg/mL	Normal
7-150pg/mL	Indicates slight inflammation or mild infection
150-250pg/mL	Indicates general bacterial infection or systemic inflammation
>250pg/mL	Indicates a serious bacterial infection

American College of Chest Physicians/Society of Critical Care Medicine. Definitions for sepsis and organ failure and guidelines for the use of innovative therapies in sepsis. Crit Care Med 1992;20:864-874

L. Bender, J. Thaarup, K. Varming, H. Krarup, S. Ellermann-Eriksen & F. Ebbesen. Early and late markers for the detection of early-onset neonatal sepsis. Dan Med Bull 2008;55:219-23

Product Advantages



Precision

- Advanced diagnostic methodologies for precision results with small CV



Quality

- Easy operations with little human interference
- Sound repeatability for quality assurance



Efficiency

- Short testing time
- Whole blood sample compatible

Product Information

Product	Detection Time	Sample Types	Specification	Compatible Analyzers
Interleukin-6 test (Chemiluminescence Immunoassay)	17min	Whole blood, serum, plasma	60T/kit	MQ60 smart, MQ60 proB, MQ60 plus
Interleukin-6 test (Up-converting Phosphor Technology)	15min	Whole blood, serum	40T/kit	UPT2800



MQ 60smart



MQ 60proB



MQ 60plus



UPT2800

Application Department



Department of Respiratory



Pediatrics



Emergency



ICU



Internal Medicine



Surgery



Oncology



Hematology

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