



**Early
Quantitative
Rapid**

Fungus (1–3)– β –D–Glucan Test (Chromogenic Method)

Recommended by the EORTC/MSG Consensus Group
ERA BIOLOGY, joint National Center for Clinical Laboratories etc., successfully
drafted the industry standard of "Fungus (1-3)- β -D-Glucan Test" in 2017.

Intended Use

Screening and Diagnosis for Invasive Fungal Infection

Advantage

- Quality control ensure the experimental accuracy
- High negative predictive value 97.73%
- 5-8 days prior to clinical symptoms and imaging



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Overview

Fungus (1-3) - β -D-Glucan (BG) is an unique element of fungal cell wall, when the fungus invading blood or deep tissue, BG can be released from the cell wall.

Fungus (1-3)- β -D-Glucan Test (Chromogenic Method) is used for screening and diagnosis for invasive fungal infection by quantitative detection of the Fungus (1-3) - β -D-Glucan content in human serum or BAL fluid sample.

Product Characteristics

Name	Fungus (1-3)-β-D-Glucan Test (Chromogenic Method)				
Model	GCT-110T	GKT-25M	GKT-12M	GKT-10M	GKT-5M
Specification	110 Tests/Kit	50 Tests/Kit	50 Tests/Kit	36 Tests/Kit	30 Tests/Kit
Instrument	Microplate Reader	Kinetic Tube Reader MB-80/ IGL-800		Kinetic Tube Reader MB-80/IGL-200	
Detect Duration	40min	60min			
Method	Chromogenic method				
Sample	Serum/BAL fluid				
Linear Range	31.25-500pg/ml				
Inter Assay Variation	≤10%				

Interpretation of Result

	Serum	BAL fluid
Negative	< 60pg/ml	< 400pg/ml
Indeterminate	60-79pg/ml	400-449pg/ml
Positive	≥ 80 pg/ml	≥ 450 pg/ml

Applicable Department

Respiration Department
ICU
Infectious Department
Dermatology Department

Hematology Department
Cancer Department
Transplantation Department
Neonatology Department



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