



丹娜生物
DNK

Catalogue No. DNK-1402-1



Dynamiker Aspergillus Galactomannan Assay

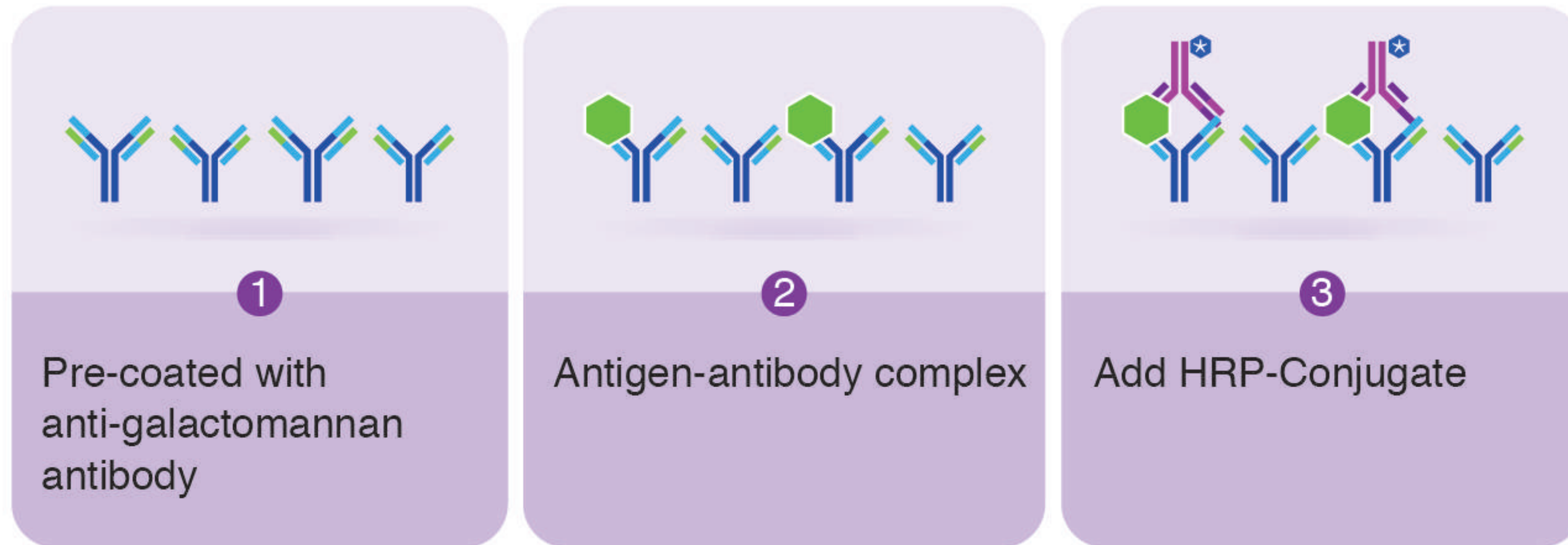
Breakable • Early • Sensitive • Time-efficient

All Specification

Breakable • Early • Sensitive • Time-efficient

1 Intended Use

Dynamiker Aspergillus Galactomannan Assay is based on sandwich Enzyme-linked Immunosorbent Assay (ELISA). It is used for the detection of Aspergillus galactomannan antigen in human serum and bronchoalveolar lavage fluid (BAL), offering a diagnostic reference for Aspergillus infection.



2 Specification

Specimen	Serum/ BAL
Specification	96 tests
Sensitivity	75%-90%
Specificity	85%-95%
Time to answer	2 hours
Method	Sandwich ELISA
Intra-assay CV	≤10%
Inter-assay CV	≤12%
Used for	Invasive Aspergillosis

3 Panel Testing: BDG Assay+GM Assay



4 Guideline

Guideline	Diseases	Description	Recommendation	QOE
EORTC/MSG guideline 2008	Aspergillosis	One of the diagnostic criteria for probable diagnosis; GM antigen detected in plasma, serum, BAL, or CSF		
IDSA guideline for aspergillosis 2016	IA3 in adult and paediatric patients with hematologic malignancy, HSCT	Serum and BAL GM	Strong	High
	IPA	Routine BAL test by non-culture-based methods (eg, GM)	Strong	Moderate
	IA in patients with hematologic malignancy, HSCT	Serial monitoring of serum GM; disease progression and therapeutic response and predict outcome	Strong	Moderate
	Empiric and preemptive antifungal therapy	Serum or BAL GM guide antifungal therapy in asymptomatic or febrile high-risk patients to reduce unnecessary antifungal therapy	Strong	Moderate
ERS and ESCMID guideline 2015	CPA	BAL GM	Moderate	II



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