



Piperacillin [HRP] (DAG412S)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Piperacillin, covalently linked to horseradish peroxidase
Species	N/A
Purity	chromatography, dialysis
Conjugate	HRP
Applications	e.g. allergy test, immunoassays etc.
Molecular Weight	app. 44 kDa
Reconstitution	Reconstitute with 1 ml PBS without azide.
Format	Lyophilized
Concentration	1 mg/mL working concentration
Size	1 mg
Preservative	None
Storage	Store at -20°C.

BACKGROUND

Introduction	<p>Piperacillin is a broad-spectrum semisynthetic, ampicillin-derived ureidopenicillin antibiotic. Piperacillin binds to penicillin binding proteins (PBP), the enzymes that catalyze the synthesis of peptidoglycan, a critical component of the bacterial cell wall. This blockade leads to the interruption of cell wall synthesis, consequently, leading to bacterial cell growth inhibition and cell lysis.</p>
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Keywords

drug-HRP conjugate, drug-conjugate, piperacillin HRP conjugate
