



Procaine [HRP] (DAG409S)

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

PRODUCT INFORMATION

Antigen Description	Procaine, 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>Procaine is a benzoic acid derivative with local anesthetic and antiarrhythmic properties. Procaine binds to and inhibits voltage-gated sodium channels, thereby inhibiting the ionic flux required for the initiation and conduction of impulses. In addition, this agent increases electrical excitation threshold, reduces rate of rise of action potential and slows nerve impulse propagation thereby causing loss of sensation.</p>
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Keywords

drug-HRP conjugate, drug-conjugate, procaine HRP conjugate
