



Tetracaine [HRP] (DAG400S)

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

PRODUCT INFORMATION

Antigen Description	Tetracaine, 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	Tetracaine is a benzoate ester with anesthetic properties. Upon administration, tetracaine reversibly binds voltage-gated sodium ion channels in neuronal cell membranes and inhibits sodium influx. This prevents the initiation and conduction of nerve impulses, and stabilizes neuronal membranes. This results in a loss of sensation, and thereby provides analgesia and anesthesia.
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Keywords

drug-HRP conjugate, drug-conjugate, tetracaine HRP conjugate
