



Mepivacaine [HRP] (DAG426S)

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

PRODUCT INFORMATION

Antigen Description	Mepivacaine, 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	Mepivacaine is an amide-type local anesthetic agent. At the injection site, mepivacaine binds to specific voltage-gated sodium ion channels in neuronal cell membranes, which inhibits both sodium influx and membrane depolarization. This leads to a blockage of nerve impulse initiation and conduction and results in a reversible loss of sensation. Compared to other local anesthetics, this agent has a more rapid onset and moderate duration of action.
--------------	---

Keywords

drug-HRP conjugate, drug-conjugate, Mepivacaine HRP conjugate
