



## Marcaine [HRP] (DAG428S)

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

### PRODUCT INFORMATION

Antigen Description	Marcaine, 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	Bupivacaine, marketed under the brand name Marcaine among others, is a medication used to decrease feeling in a specific area. Bupivacaine is an amide-type, long-acting local anesthetic. Bupivacaine reversibly binds to specific sodium ion channels in the neuronal membrane, resulting in a decrease in the voltage-dependent membrane permeability to sodium ions and membrane stabilization; inhibition of depolarization and nerve impulse conduction; and a reversible loss of sensation.
--------------	--

**Keywords**

drug-HRP conjugate, drug-conjugate, Marcaine HRP conjugate

---