



# Tubocurarine chloride [HRP] (DAG399S)

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

## PRODUCT INFORMATION

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

## BACKGROUND

<b>Introduction</b>	Tubocurarine Chloride is the chloride salt form of tubocurarine, a naturally occurring curare alkaloid isolated from the bark and stem of Chondodendron tomentosum with a muscle relaxant property. Tubocurarine chloride competes with acetylcholine for the nicotinic receptors at the neuromuscular junction of skeletal muscles, thereby inhibiting the action of acetylcholine and blocking the neural transmission without depolarizing the postsynaptic membrane. This may lead to skeletal muscle relaxation and paralysis.
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**Keywords**

drug-HRP conjugate, drug-conjugate, Tubocurarine chloride HRP conjugate

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