



Allopurinol [HRP] (DAG459S)

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

PRODUCT INFORMATION

Antigen Description	Allopurinol, 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	Allopurinol is a structural isomer of hypoxanthine. Allopurinol inhibits xanthine oxidase, an enzyme that converts oxypurines to uric acid. By blocking the production of uric acid, this agent decreases serum and urine concentrations of uric acid, thereby providing protection against uric acid-mediated end organ damage in conditions associated with excessive production of uric acid, i.e. the massive cell lysis associated with the treatment of some malignancies.
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Keywords

drug-HRP conjugate, drug-conjugate, Allopurinol HRP conjugate
